

SERVICE MANUAL

RA - 1 CHASSIS

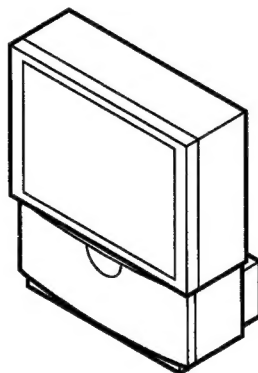
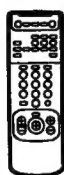
| MODEL | COMMANDER | DEST. | CHASSIS NO. |
|------------|-----------|----------|-------------|
| KP-53XBR45 | RM-Y128 | US | SCC-H53G-A |
| KP-53XBR45 | RM-Y128 | Canadian | SCC-H58F-A |

| MODEL | COMMANDER | DEST. | CHASSIS NO. |
|------------|-----------|----------|-------------|
| KP-61XBR48 | RM-Y128 | US | SCC-H53H-A |
| KP-61XBR48 | RM-Y128 | Canadian | SCC-H58G-A |

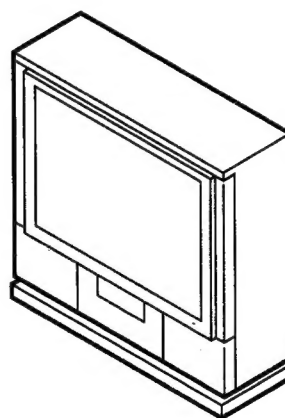
Note :

1. Adjustment Manual for this model is separately published.

| | Adjustment Manual |
|----------|-------------------|
| Part No. | 9-965-074-01 |



KP-53XBR45



KP-61XBR48



COLOR REAR VIDEO PROJECTOR
SONY®

※ Please file according to model size... ■

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61

SPECIFICATIONS

| | |
|-----------------------------------|---|
| Projection system | 3 picture tubes, 3 lenses, horizontal in-line system |
| Picture tube | 7 inch high-brightness monochrome tubes (6.3 raster size), with optical coupling and liquidcooling system |
| Projection lenses | High performance, large-diameter hybrid lens F1.0 |
| Screen size (measured diagonally) | |
| | KP-53XBR45 53 inches |
| | KP-61XBR48 61 inches |

| | |
|-------------------|----------------------------------|
| Screen brightness | |
| | KP-53XBR45 900 cd/m ² |
| | KP-61XBR48 700 cd/m ² |

| | |
|-------------------|---|
| Television system | American TV standards |
| Channel coverage | VHF : 2-13 / UHF : 14-69 / CATV : 1-125 |
| Antenna | 75 ohm external antenna terminal for VHF / UHF |
| Inputs/output | VIDEO IN1/3/4/5 INand VIDEO2 INPUT S VIDEO IN (4-pin mini DIN) : Y : 1 Vp-p, 75-ohms unbalanced, sync negative C : 0.286 Vp-p (Burst signal), 75 ohms VIDEO (phone jack) : 1 Vp-p, 75-ohms unbalanced, sync negative AUDIO (phono jacks) : 500 mVrms (100% modulation) Impedance : 47 kilohms SELECT OUT VIDEO (phono jacks) : 1 Vp-p, 75-ohms unbalanced, sync negative AUDIO (phono jacks) : 470 mVrms (100% modulation) Impedance : 47 kilohms AUDIO (VAR) OUT (phono jacks) : 950mVrms (100% modulation) AUDIO (FIX) OUT(phono jacks) : 500 mVrms (100% modulation) CONTROLS IN/OUT : mini jacks |

Speaker

| | Front (Tweeter) | Center (Woofer) | | Rear |
|------------|--------------------|--------------------|---------------|--------------|
| KP-53XBR45 | 25mm (1") x2 | 130mm (5") x2 | 100mm (4") x2 | 75mm (3") x2 |
| KP-61XBR48 | 50mm (2") x4 | 160mm (6 3/8") x2 | 100mm (4") x2 | 75mm (3") x2 |

| | |
|-------------------|---|
| Speaker output | Front: 20 W x 2 Center: 20W x 1 Rear: 10W x 2 |
| Power requirement | 120 V, 60 Hz |
| Power consumption | 300 W Standby mode : 4W |

| | Dimensions (W/H/D) | Mass |
|------------|---|--------------------------|
| KP-53XBR45 | 1,238 x 1,442 x 647 mm (48 3/4 x 56 7/8 x 25 1/2 inches) | 115 kg (252 lbs 6 oz) |
| KP-61XBR48 | 1,520 x 1,550 x 778 mm (59 7/8 x 61 1/8 x 30 3/4 inches) | 174 kg (383 lbs 5 oz) |

| | |
|----------------------|---|
| Supplied accessories | Remote commander RM-Y128 (1) Size AA (R6) battery (2) Rear speakers (2) Speaker cord (2) |
| Optional accessories | AV rack SU-XBR1 Bottom base for AV rack SU-61BASE (for KP-61XBR48 only) U/V mixer EAC-66 Connecting cables RK-74A, VMC-810S / 820S, YC-15V / 30V |

Design and specifications are subject to change without notice.

SAFETY CHECK-OUT

(US model only)

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, through functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the condition of the monopole antenna (if any). Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
9. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

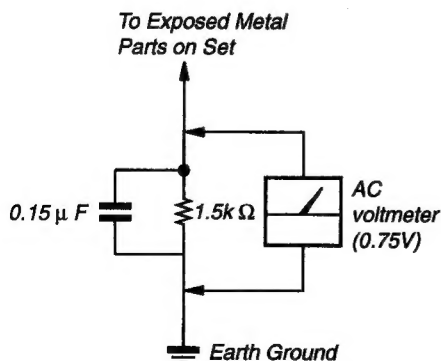


Fig. A. Using an AC voltmeter to check AC leakage.

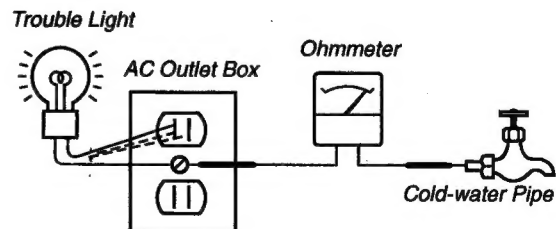


Fig. B. Checking for earth ground.

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(CAUTION)

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

WARNING!!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.

THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK Δ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

(ATTENTION)

APRES AVOIR DECONNECTE LE CAP DE L'ANODE, COURT-CIRCUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINTE SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.

ATTENTION!!

AFIN D'EVITER TOUT RISQUE DELECTROCUTION PROVENANT D'UN CHÂSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DEPANNAGE. LE CHÂSSIS DE CE RECEPTEUR EST DIRECTEMENT RACCORDÉ À L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS À LA

SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET PAR UNE MAPQUE Δ SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLODÉES ET LES LISTES DE PIÉCES CONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIÉS DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

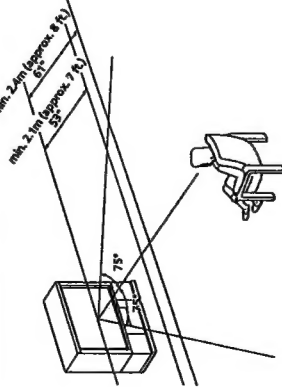
SECTION1 GENERAL

Getting Started

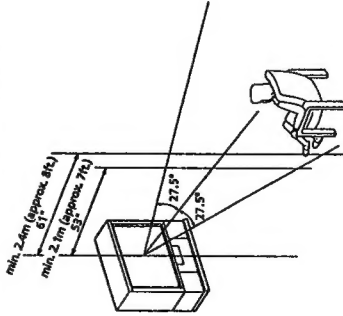
Step 1: Installing the projection TV

For the best picture quality, install the projection TV within the areas shown below.

Optimum viewing area (Horizontal)



Optimum viewing area (Vertical)



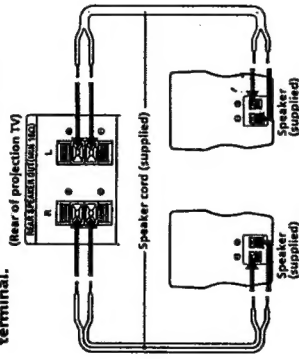
Preparing for your projection TV

Before you use your projection TV, adjust convergence. For the procedure, see "Adjusting convergence (CONVERGENCE)" on page 16.

Connecting the supplied rear speakers

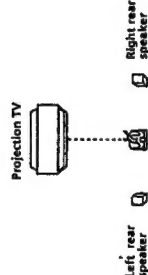
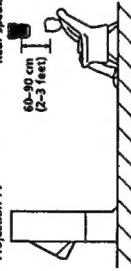
To enhance the surround effect, connect the supplied rear speakers to the REAR SPEAKER OUT terminals on the projection TV. Use the supplied speaker cords.

- 1 Connect one rear speaker to the REAR SPEAKER OUT R terminal and the other speaker to the REAR SPEAKER OUT L terminal.



- 2 Place the rear speakers as shown below to obtain optimum surround effect.

If possible, mount the speakers on the wall to the sides of the viewing area 60-90 cm (2-3 feet) above.



Note

- Be sure to match the speaker cord to the terminal colors. If the cords are reversed, the sound will be distorted.

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The operating instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers of the Operating Instruction Manual remain as in the manual.

Step 2: Connections

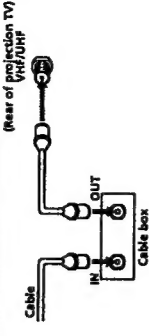
Connecting an antenna/cable TV system without a VCR

To cable or antenna



To cable box

If your cable company requires you to connect a cable box, make the connection as follows:



To cable box and cable



- A • VHF only or VHF/UHF • Cable

- B • VHF only or UHF only • VHF/UHF • 300-ohm twin lead cable • Antenna connector

- C • VHF and UHF • 75-ohm coaxial cable • EAC46 U/V mixer (not supplied) • 300-ohm twin lead cable

Notes
• Most VHF/UHF combination antennas have a signal splitter. Remove the splitter before attaching the appropriate connector.
• For better picture quality, connect an antenna by using a 75-ohm coaxial cable.

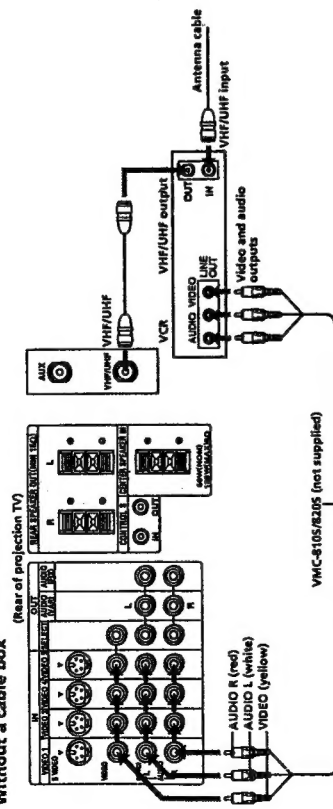
Getting Started 6-EN

For connection details, see the instruction manual of your VCR. Before connecting, disconnect the AC power cords of the equipment to be connected.

After making these connections, you will be able to do the following:

- View the playback of video tapes
- Record one TV program while viewing another program

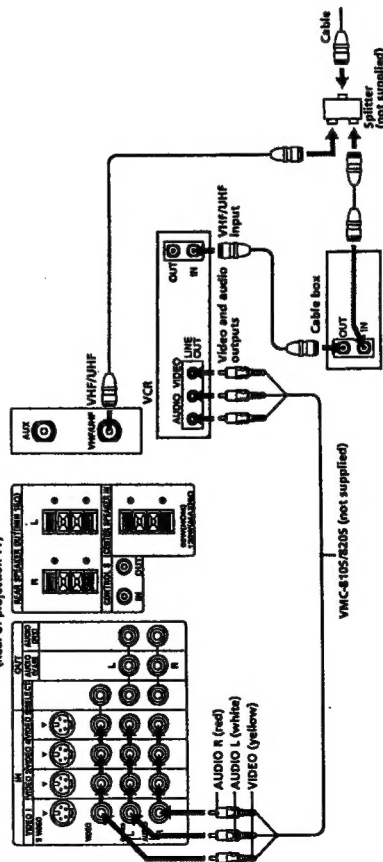
Without a cable box



Notes

- To connect a monaural VCR, connect the audio output of the VCR to AUDIO L (MONO) of VIDEO 1/3/4/5 IN on the projection TV.
- Do not connect a cable to the S VIDEO connector on the projection TV.

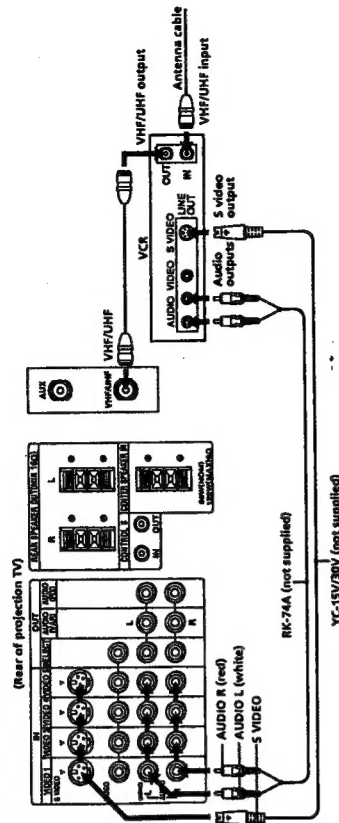
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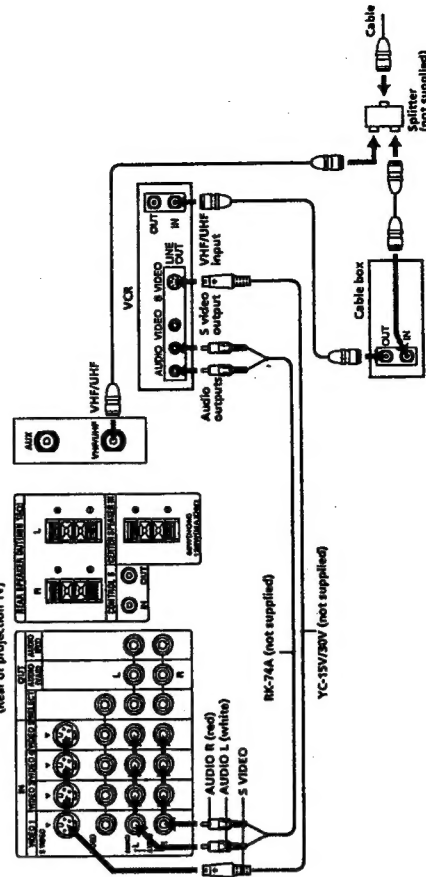
8-EN | Getting Started

If your VCR has an S video output jack, make the connection as follows. Whenever you connect a cable to the S VIDEO connector, the projection TV automatically receives S video signals.

(Rear of projection TV)



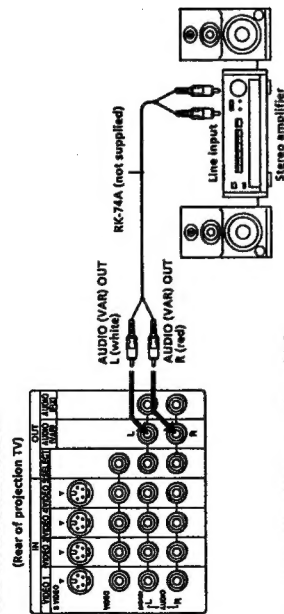
(Rear of projection TV)



- Video signals are composed of Y (luminance) and C (chroma) signals. The S connection sends the two signals separately preventing degradation, and gives better picture quality compared to conventional connection.

Connecting an audio system

If you want to use the left and right speakers of a stereo amplifier, use AUDIO (VAR) OUT as shown below and switch off the PROJECTION TV SPEAKERS. (See "Setting the speaker switch (SPEAKER)" on page 27.) See page 27 and 28 for more information.



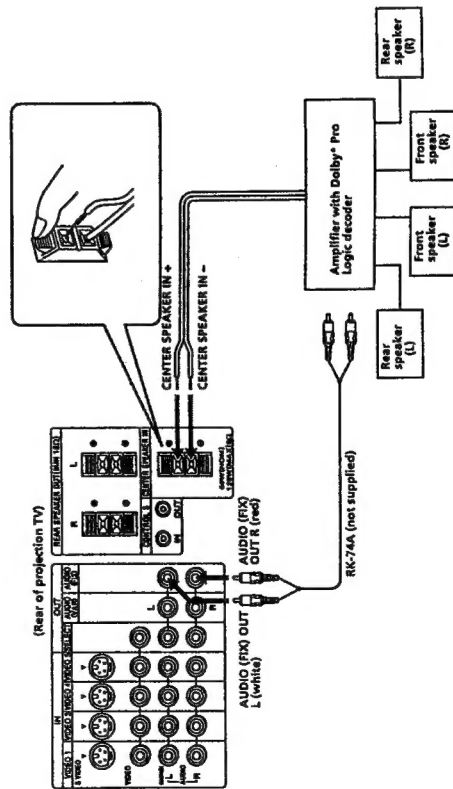
Note

- You can adjust the bass, treble and balance, or select an MTS (Multichannel TV Sound) mode with the supplied remote commander.

Connecting an amplifier with Dolby Pro Logic decoder

If you use an amplifier with Dolby Pro Logic decoder instead of the projection TV's audio system, you can still use the projection TV's center speaker. See "Setting the speaker switch (SPEAKER)" on page 27.

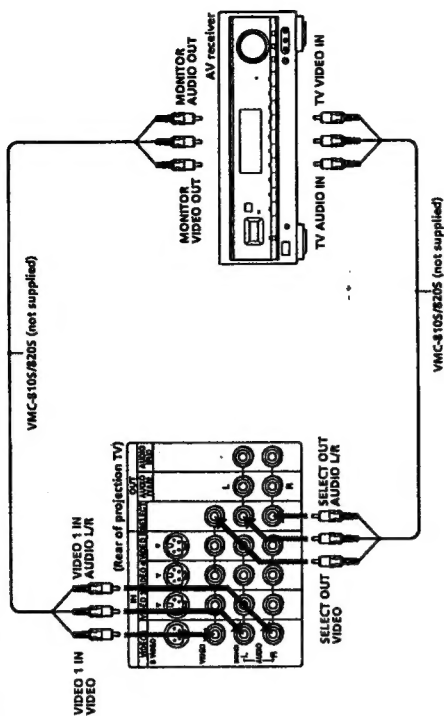
- Manufactured under license from Dolby Laboratories Licensing Corporation. Additionally licensed under Canadian patent number 1,037,877. "Dolby," the double-D symbol and "Pro Logic" are trademarks of Dolby Laboratories Licensing Corporation.



Getting Started 11-EN

Connecting an AV receiver

Connect an optional AV receiver to the VIDEO 1 IN jacks. For detailed information, see "Using the INPUT/OUTPUT menu" on page 30.

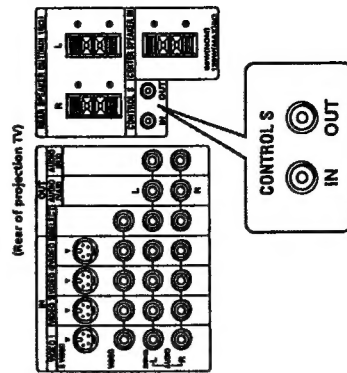


Connecting other Sony equipment with the CONTROL S jacks

This feature allows you to control your projection TV and other Sony equipment with one remote commander.

Notes

- To control other Sony equipment with the projection TV's remote commander, connect the CONTROL S input of the equipment to the CONTROL S OUT jack on the projection TV.
- To control the projection TV with the remote commander of other Sony equipment, connect the CONTROL S output of the equipment to the CONTROL S IN jack on the projection TV.



Getting Started 12-EN

Step 3: Setting up the remote commander

Inserting batteries

Insert two size AA (R6) batteries (supplied) by matching the + and - on the batteries to the diagram inside the battery compartment.

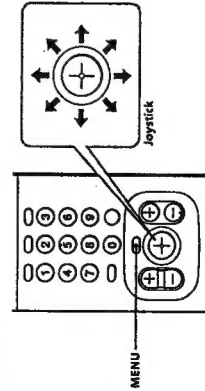


Notes

- With normal use, the batteries should last for approximately six months.
- If you do not use the remote commander for an extended period of time, remove the batteries to avoid possible damage from battery leakage.
- Do not handle the remote commander roughly. Do not drop it, step on it or let it get wet.
- Do not place the remote commander in direct sunlight, near a heater, or where the humidity is high.

Using the joystick remote commander for menu operation

The supplied remote commander has a joystick with motion in eight directions, as illustrated, to easily select the items in the menu.



How to use the menus

- 1 Press the MENU button to display the main menu.



- 2 Press the joystick up or down to move the cursor (b) to the desired item.



- 3 Click the joystick to display the selected menu.



- 4 Press the joystick up or down to select the item, then click the joystick to go to the next menu.



For further operations, you can select the item by pressing the joystick in some of eight directions that vary according to the selected menu. Then click the joystick to store the setting.

To erase the main menu

Press MENU. The original screen is displayed.

To return to the previous menu

Press the joystick up, down, right or left to move the cursor (b) to of each menu, and click the joystick.

Note

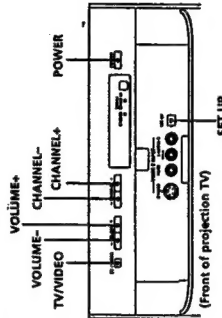
- You can select one of various kinds of cursors (page 38).

Step 4: Setting up the projection TV automatically (AUTO SET UP)

For customers who connect a cable box, skip this step and proceed to "Selecting the cable box output channel (TV INPUT)" (page 18).

You can set up your projection TV easily by using AUTO SET UP feature. It changes the on-screen menu language and presets all the receivable channels automatically. To set up the projection TV manually, see "Changing the menu language" (page 17) "Setting cable TV on or off" (page 16) and "Presetting channels" (page 17).

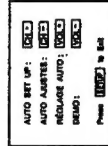
If the projection TV is set to a video input, you cannot execute AUTO SET UP. Press TV/VIDEO so that a channel number appears.



- 1 Press POWER to turn the projection TV on.

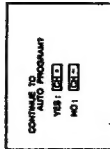


- 2 Press SET UP on the front of the projection TV.



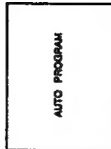
- 3 Press CHANNEL+.

If you prefer Spanish or French to English, you can change the on-screen menu language. Press CHANNEL+ for Spanish or VOLUME+ for French.



All of the menus will be set to the factory preset condition in the selected language.

- 4 Press CHANNEL+.



"AUTO PROGRAM" appears on the screen and the projection TV starts scanning and presetting channels automatically. When all the receivable channels are stored, "AUTO PROGRAM" disappears and the lowest numbered channel is displayed. If the projection TV receives cable TV channels, CABLE is set to ON automatically.

Notes

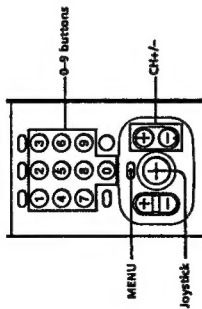
- If more than 90 seconds elapse after you press a button, the menu disappears automatically.
- In case of using the AUX connector, press the ANT/AUX button on the remote commander first so that "AUX" is displayed beside the channel number on the screen. Then follow steps 2 to 4 above to perform AUTO SET UP.

To preview the main functions (DEMO)

Press VOLUME+ in step 2. The functions and menus are displayed one by one. To cancel the DEMO function, press VOLUME - again.

Erasing or adding channels

After AUTO SET UP you can erase unnecessary channels or add the channels you want. Preset channels during the day rather than late at night, when some channels may not be broadcasting.



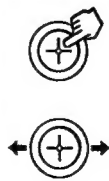
1 Press MENU.

The main menu appears.



2 Press the joystick up or down to move the cursor (b) to SET UP and click the joystick.

The SET UP menu appears.



3 Make sure the cursor (b) is beside CHANNEL ERASE/ADD and click the joystick.

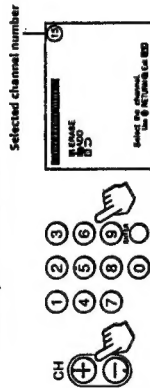
If the cursor is not beside CHANNEL ERASE/ADD, press the joystick up or down to move the cursor and click the joystick.

The CH ERASE/ADD menu appears.



4 Erase or add the channel you want:

- (1) Press the joystick up or down to select ERASE or ADD.
- (2) Press CH +/- or 0-9 buttons to select the channel you want to erase or add.



(3) Click the joystick.

- If you select ERASE in step (1), "E" appears beside the channel number, showing that the channel is erased from the preset memory.
- If you select ADD in step (1), "+" appears beside the channel number, showing that the channel is added to the preset memory.

5 To erase and/or add other channels, repeat step 4.

6 When you finish, press MENU.



Notes

- If you erase or add a VHF or UHF channel, the cable TV channel with the same number is also erased or added.
- If more than 90 seconds elapse after you press a button, the menu disappears automatically.
- Erasing and adding channels is also available for the AUX input.

Adjusting convergence (CONVERGENCE)

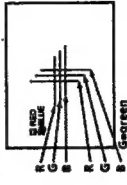
The projection tube image appears on the screen in three layers (red, green and blue). If they do not converge, the color is poor and the picture blurs. To correct this, adjust convergence.

1 Press MENU.

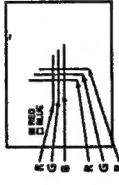
2 Press the joystick up or down to move the cursor (b) to SET UP and click the joystick.

3 Press the joystick up or down to move the cursor (b) to CONVERGENCE and click the joystick.

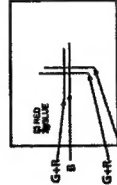
The CONVERGENCE adjustment screen appears.



4 Press the joystick up or down to move the cursor (b) to RED or BLUE, and click the joystick.



5 Press the joystick up, down, left or right to move the line until it converges with the center green line, and click the joystick.



6 Repeat steps 4 and 5 to adjust the other lines until all three lines converge and are seen as a white cross.

7 Press MENU to return to the original screen.

Note

- Convergence can be adjusted only left, right, up and down.

Setting cable TV on or off

If you have connected the projection TV to a cable TV system, set CABLE to ON, the factory setting. If not, set CABLE to OFF. You do not have to do this procedure if you execute AUTO SET UP (page 14). Do this procedure only when you want to set it manually.

1 Press MENU.

2 Press the joystick up or down to move the cursor (b) to SET UP and click the joystick.

3 Press the joystick up or down to move the cursor (b) to CABLE and click the joystick.



4 Press the joystick up or down to select ON or OFF and click the joystick.



5 Press MENU to return to the original screen.

Note

- If CABLE appears in grey, the projection TV is set to a video input and you cannot select CABLE. Press TV/VIDEO on the remote commander so that a channel number appears.

Presetting channels

You can preset TV channels easily by AUTO PROGRAM feature. You do not have to do this procedure if you execute AUTO SET UP (page 14). Do this procedure only when you want to set it manually.

- 1 Press MENU.
- 2 Press the joystick up or down to move the cursor (b) to SET UP and click the joystick.



- 3 Press the joystick up or down to move the cursor (b) to AUTO PROGRAM and click the joystick.



"AUTO PROGRAM" appears on the screen and the projection TV starts scanning and presetting channels automatically. When all the receivable channels are stored, "AUTO PROGRAM" disappears and the lowest numbered channel is displayed.

- 4 Press MENU to return to the original screen.

Notes

- If AUTO PROGRAM appears in grey in the SET UP menu, the projection TV is set to a video input and you cannot select AUTO PROGRAM. Press TV/VIDEO on the remote commander so that a channel number appears.
- If more than 90 seconds elapse after you press a button, the menu disappears automatically.
- Presetting channels is also available for the AUX input.

Changing the menu language

If you prefer Spanish or French to English, you can change the menu language. You do not have to do this procedure if you execute AUTO SET UP (page 14). Do this procedure only when you want to set it manually.

- 1 Press MENU.
- 2 Press the joystick up or down to move the cursor (b) to SET UP and click the joystick.
- 3 Press the joystick up or down to move the cursor (b) to LANGUAGE and click the joystick.
- 4 Press the joystick up or down to select the language and click the joystick.



The menu in the selected language appears.



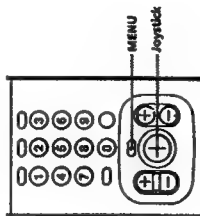
- 5 Press MENU to return to the original screen.

Note

- Even when you select Spanish or French language, certain parts of the menus remain in English.

Selecting the cable box output channel (TV INPUT)

If you use a cable box, you can select the cable box output channel on your projection TV. It is recommended that you set up your projection TV as follows when you use a cable box.



- 1 Press MENU.
- 2 Press the joystick up or down to select SET UP and click the joystick.
- 3 Press the joystick up or down to select TV INPUT and click the joystick.

The cable box output channel options are displayed.

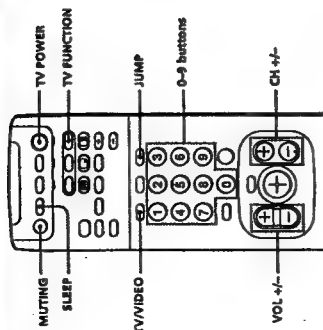


- 4 Press the joystick up or down to select the cable box output channel and click the joystick.



You can select the cable output channel among 2-6 channels, VIDEO 1 and AUX 2-6 channels.

Watching the TV



1 Press TV FUNCTION on the remote commander.

The red indicator flashes once on the remote commander, indicating that the buttons function for the projection TV.



2 Press TV POWER to turn on the projection TV.

The POWER indicator lights on the projection TV.



If any of "VIDEO1 to VIDEO5" appears on the screen, press the TV/VIDEO button until a channel number appears.

3 Select the channel you want to watch:

To select a channel directly
Press the 0-9 buttons.
For example, to select channel 10, press 1 and 0.
You may press ENTER to immediately change the channel.



To scan through channels
Press CH +/- until the channel you want to watch appears.



4 Press VOL +/- to adjust the volume.



Switching quickly between two channels

You can use the JUMP button to switch or "jump" back and forth between two channels.

Press JUMP.



Pressing JUMP again switches back to the original channel.

Note

- You cannot jump to channels you scanned through using the CH +/- buttons.

Muting the sound

Press MUTE.
"MUTING" appears on the screen.



To restore the sound, press MUTE again, or press VOL +.

Displaying on-screen information

1 Press DISPLAY.

Channel number, the current time (if set), channel caption or logo (if set), and MTS mode (if SAP is selected) are displayed. SAP indication disappears after 4 seconds.



2 Press DISPLAY again.

XDS (Extended Data Service) is turned on. If the station provides this service, program information, program type and program length are displayed.



3 Press DISPLAY again.

Caption Vision (if set) is displayed. (See page 39.)



To cancel the display, press DISPLAY again.

Setting the Sleep Timer

The projection TV stays on for the length of time you specify and then shuts off automatically.

Press SLEEP repeatedly until the time (in minutes) you want appears.
Each time you press SLEEP, the time changes as follows: 30 → 60 → 90 → OFF.



"SLEEP" appears about one minute before the projection TV shuts off.

To cancel the Sleep Timer, press SLEEP repeatedly until "SLEEP OFF" appears, or turn off the projection TV.

The sleep timer is also canceled when you select AUTO PROGRAM under the SET UP menu.

Watching a video input picture

Press TV/VIDEO repeatedly until the desired video input appears.

Each time you press TV/VIDEO, the display changes as follows: TV → VIDEO 1 → VIDEO 2 → VIDEO 3 → VIDEO 4 → VIDEO 5.



To return to TV picture, press TV/VIDEO until a channel number appears.

Changing the VHF/UHF input to the AUX input

Press ANT/AUX.

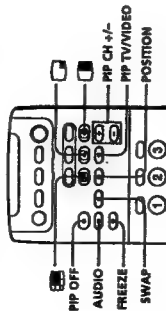
"AUX" appears beside the channel number.



Pressing ANT/AUX again switches back to VHF/UHF input.

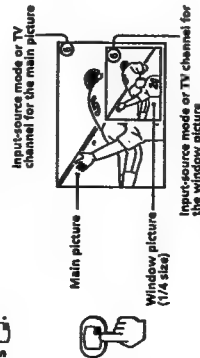
Watching two programs at one time — PIP/P&P (Twin View™)

You can watch two programs simultaneously using the Picture-in-Picture (PIP) or the Picture-and-Picture (Twin View™) feature.



Displaying a window picture (PIP)

Press .



Press repeatedly to display a smaller window picture.

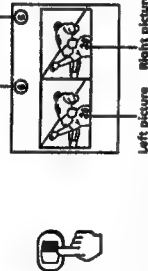
Each time you press , the size of the window picture changes as follows: 1/4 size → 1/9 size → 1/16 size.

To remove the window picture, press PIP OFF.

Displaying a left picture (P&P)

Press .

Input-source mode or TV channel for the left picture



The main picture is on the right and the window picture is on the left.

To restore the normal picture, press PIP OFF.

Notes

- If the main/right picture is not receiving an image, the window/left picture may become a noisy picture.
- The window/left picture sound is also output from the AUDIO (VAR OUT) jacks when you listen to it.

Changing the window/left picture input mode

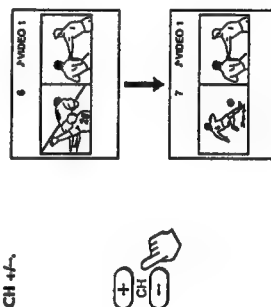
Press PIP TV/VIDEO to select the input mode.

Each time you press PIP TV/VIDEO, "TV," "VIDEO 1," "VIDEO 2," "VIDEO 3," "VIDEO 4," "VIDEO 5" appear in sequence.



Changing TV channels in the window/left picture

Press PIP CH +/-.



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Listening to the sound of the window/left picture

Press AUDIO.

"A" appears for a few seconds on the window/left picture, indicating that the window/left picture sound is being received.



To restore the main/right picture sound, press AUDIO again.

Changing the position of the window picture

Press POSITION.

Each time you press POSITION, the window picture will move as illustrated.



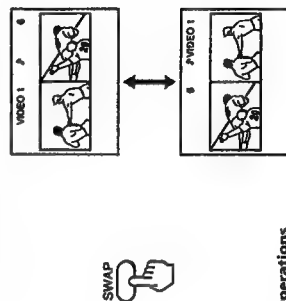
Note

- POSITION is not a P&P feature.

Swapping the main/right and window/left pictures

Press SWAP.

Each time you press SWAP, the images and sound from the main/right and window/left pictures switch places.



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Freezing the pictures

You can freeze both the right and left pictures.

This feature is useful when you want to write down a recipe from a cooking program, a displayed address, a phone number, etc.

Press FREEZE.



To restore the normal screen, press PIP OFF.

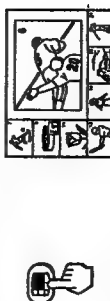
Watching eight TV channels at one time (CH INDEX)

You can display all the preset channels in sequence.

Press .

A main picture and seven window pictures are displayed.

Each time you press or PIP CH +/-, the next seven sequential channels appear.



To return to the normal picture, press PIP OFF.

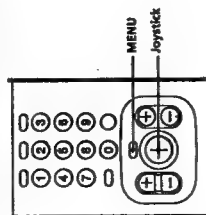
Note

- If you set TV INPUT to any option other than OFF, you cannot use the CH INDEX feature.

Using the VIDEO menu

Adjusting the picture (VIDEO)

When watching TV programs, you can adjust picture, hue, color, brightness and sharpness to suit your taste. The adjusted level is stored in PROGRAM PALETTE.



- 1 Press MENU.
- 2 Make sure the cursor is beside VIDEO and click the joystick.
If the cursor is not beside VIDEO, press the joystick up or down to move the cursor.
The VIDEO adjustment menu appears.



- 3 Select the item you want to adjust.

For example:
(1) To adjust brightness, press the joystick up or down to select BRIGHT.



(2) Click the joystick.



- 4 Adjust the selected item:

(1) Press the joystick up, down, right or left to adjust the item.



(2) Click the joystick.

The new setting appears in the VIDEO menu, and is stored in the displayed PROGRAM PALETTE mode.



For details on each item, see "Description of adjustable items" below.

- 5 To adjust other items, repeat steps 3 and 4.

Description of adjustable items

| Item | Press the joystick up or right to | Press the joystick down or left to |
|---------|--|---|
| PICTURE | Increase picture contrast for vivid color. | Decrease picture contrast for soft color. |
| HUE | Make overall picture greenish. | Make overall picture purplish. |
| COLOR | Increase color intensity. | Decrease color intensity. |
| BRIGHT | Brighten the picture. | Darken the picture. |
| SHARP | Sharpen the picture. | Soften the picture. |

To restore the factory setting

While the VIDEO menu is displayed, press the joystick up, down, right or left to select RESET and click the joystick.

The Trinitone, NR, dynamic picture and color correction are also reset to the factory settings.

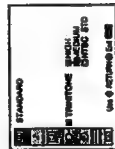
Adjusting the color temperature (TRINITONE)

The TRINITONE feature controls the color temperature, permitting white balance preference adjustment without affecting skin tones.

- 1 Press MENU.

- 2 Press the joystick up or down to select VIDEO and click the joystick.

- 3 Press the joystick up or down to select TRINITONE and click the joystick.



- 4 Press the joystick up or down to select HIGH, MEDIUM or NTSC STD and click the joystick.



| Choose | For |
|----------|------------------------|
| HIGH | a cool (bluish) white |
| MEDIUM | a neutral white |
| NTSC STD | a warm (reddish) white |

Reducing picture noise (NR)

You can improve a weak or snowy picture when NR is set to ON.

- 1 Press MENU.

- 2 Press the joystick up or down to select VIDEO and click the joystick.

- 3 Press the joystick up or down to select NR and click the joystick.



- 4 Press the joystick up or down to select ON and click the joystick.



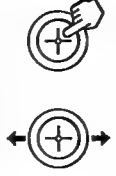
Enhancing the picture contrast (DYNAMIC PICTURE)

The DYNAMIC PICTURE feature enhances the contrast of the picture, providing a dynamic image.

- 1 Press MENU.

- 2 Press the joystick up or down to select VIDEO and click the joystick.

- 3 Press the joystick up or down to select DYNAMIC PICTURE and click the joystick.



- 4 Press the joystick up or down to select ON and click the joystick.



Correcting the color (COLOR CORRECTION)

The COLOR CORRECTION feature emphasizes red and blue to make skin tones vivid.

- 1 Press MENU.
- 2 Press the joystick up or down to select VIDEO and click the joystick.
- 3 Press the joystick up or down to select COLOR CORRECTION and click the joystick.



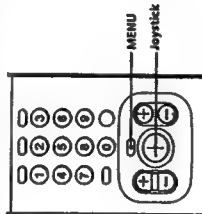
- 4 Press the joystick up or down to select ON and click the joystick.



Using the AUDIO menu

Adjusting the sound (AUDIO)

You can adjust the treble, bass and balance to suit your taste. You can adjust the sound of video input(s) as well.



- 1 Press MENU.
- 2 Press the joystick up or down to select AUDIO and click the joystick.



- 3 Select the item you want to adjust.

For example:
(1) To adjust bass, press the joystick up or down, to select BASS.



- (2) Click the joystick.



Selecting stereo or bilingual programs (MTS)

The Multichannel TV Sound (MTS) feature gives you the choice to enjoy stereo sound or Second Audio Programs (SAP) when available. The initial setting is stereo sound (MAIN).

- 1 Press MENU.
- 2 Press the joystick up or down to select AUDIO and click the joystick.
- 3 Press the joystick up or down to select MTS and click the joystick.



- 4 Press the joystick up or down to select MAIN, SAP or MONO and click the joystick.



| Choose | To |
|--------|--|
| MAIN | Listen to stereo sound. The STEREO indicator on the projection TV lights up while a stereo broadcast is received. |
| SAP | Listen to bilingual programs. The sound of non-SAP programs will be muted when SAP is selected. |
| MONO | Reduce noise during stereo broadcasts. |

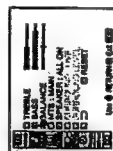
Note

- Stereo and SAP sounds are subject to program sources.

- 4 Adjust the selected item:
(1) Press the joystick up, down, right or left to adjust the item.



- (2) Click the joystick.
The new setting appears in the AUDIO menu.



For details on each item, see "Description of adjustable items" below.

- 5 To adjust other items, repeat steps 3 and 4 above.

Description of adjustable items

| Item | Press the joystick up or right to | Press the joystick down or left to |
|---------|---------------------------------------|--------------------------------------|
| TREBLE | Increase the treble response. | Decrease the treble response. |
| BASS | Increase the bass response. | Decrease the bass response. |
| BALANCE | Emphasize the right speaker's volume. | Emphasize the left speaker's volume. |

To restore the factory settings

While the AUDIO menu is displayed, press the joystick up, down, right or left to select RESET and then click the joystick. All the settings in the AUDIO menu are reset to the factory settings.

Setting the speaker switch (SPEAKER)

You may switch off the projection TV speakers when, for example, you want to listen to the sound through a stereo system.

If you connect an amplifier with Dolby Pro Logic decoder to the CENTER SPEAKER IN terminal, you can use the projection TV speakers as center speaker.

- 1 Press MENU.
- 2 Press the joystick up or down to select AUDIO and click the joystick.
- 3 Press the joystick up or down to select SPEAKER and click the joystick.



- 4 Press the joystick up or down to select ALL ON, L/R OFF, ALL OFF or CENTER IN and click the joystick.



| Choose | To |
|-----------|--|
| ALL ON | Listen to the sound from the projection TV. |
| L/R OFF | Turn off only the projection TV left and right speaker sound and listen to the projection TV's front left and right channel sound through the audio system speakers. |
| ALL OFF | Turn off the projection TV speaker sound and listen to the projection TV's sound solely through the audio system speakers. |
| CENTER IN | Use the projection TV center speakers as the center speaker in another surround audio system. |

Selecting the surround mode

This projection TV incorporates center speakers and can be connected to the supplied rear speakers. You can take advantage of surround sound simply by selecting a surround mode according to the type of program you are watching. You can select the surround mode when the SPEAKER mode is set to ALL ON or L/R OFF.

- 1 Press MENU.
- 2 Press the joystick up or down to select AUDIO and click the joystick.
- 3 Press the joystick up or down to select SURROUND MODE and click the joystick.



- 4 Press the joystick up or down to select the surround mode you want.



| Choose | To |
|-----------|---|
| PRO-LOGIC | Obtain superb theater-like surround effects. This mode is most effective with programs encoded in Dolby surround. |
| 3 STEREO | Obtain the surround sound without using rear speakers. The sound of the rear channel is output from the front speakers. Use this mode if you don't want to use the rear speakers. |
| SIMULATED | Create a simulated stereo sound. Use this mode for program in monaural. |
| LIVE | Obtain the surround sound with the atmosphere of a concert hall. Use this mode for music programs. |
| GAME | Obtain maximum audio impact from video game software. |
| OFF | Turn off the surround effects. |

Adjusting the speaker volume

After selecting the surround mode, adjust the volume of each speaker to the same level so that the selected surround sound will be even and natural. For DII PRO-LOGIC and DII3 STEREO modes, adjust the speaker volume using the test tone feature.

- 1 Press MENU.
- 2 Press the joystick up or down to select AUDIO and click the joystick.
- 3 Press the joystick up or down to select SURROUND LEVEL and click the joystick. The speaker volume setting screen appears.



- 4 Press the joystick up or down to select CENTER, REAR or BALANCE and click the joystick. The selected speaker(s) in the menu is(are) highlighted.



| Choose | To adjust |
|---------|--|
| CENTER* | The level of center speaker. |
| REAR** | The level of rear speakers. |
| BALANCE | The level between the right and left speakers. |

* The center level cannot be adjusted in the SIMULATED mode.
** The rear level cannot be adjusted in the DII3 STEREO mode.

- 5 Press the joystick right or left to adjust the volume level and click the joystick.



- 6 Repeat steps 4 and 5 to adjust other speakers so that you hear the sound from each speaker at the same volume.

To restore the factory settings
While the volume setting screen is displayed, press the joystick up, down, right or left to select RESET then click the joystick. All of the speaker levels of the selected mode are reset to the factory setting.

Adjusting the speaker volume using the test tone

In DII PRO LOGIC or DII3 STEREO mode, the test tone feature makes it easy to adjust the volume level of each speaker to the same level.

After step 3 in "Adjusting the speaker volume", follow the procedure below:

- 1 Press the joystick up or down to select TEST TONE and click the joystick. You can hear the test tone output from each speaker in sequence.

The test tone is output:

Front left → Center → Front right → Rear



- 2 Follow steps 4 to 6 in "Adjusting the speaker volume".
- 3 Click the joystick to turn off the test tone.

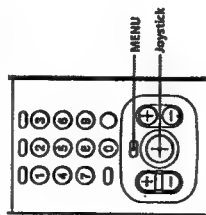
Using the PROGRAM PALETTE menu

For details on each item, see "Effect of picture settings" below.

| Item | Picture effect |
|----------|--------------------------|
| STANDARD | Standard |
| MOVIE | Finely detailed picture |
| SPORTS | Vivid, bright picture |
| NEWS | Reduced noise in picture |
| GAME | Softer picture |

Selecting picture effect (PROGRAM PALETTE)

You can select one of five modes for picture effect that best suits the different programs. You can also adjust the picture for each setting to suit your taste.



- 1 Press MENU.
- 2 Press the joystick up or down to select PROG PALETTE and click the joystick.



- 3 Select the item you want.

For example:
(1) To select MOVIE, press the joystick up or down to move the cursor to MOVIE.



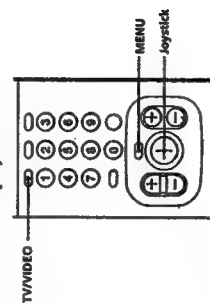
- (2) Click the joystick.



Using the INPUT/OUTPUT menu

Selecting an output signal (INPUT/OUTPUT)

You can select an output signal from the SELECT OUT jacks at the rear of the projection TV.



- 1 Press MENU.
- 2 Press the joystick up or down to select INPUT/OUTPUT and click the joystick.



- 3 Select MONITOR OUT, EDIT OUT or TV OUT.

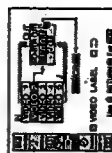
| Select | To |
|-------------|---|
| MONITOR OUT | Output the signal of the picture displayed on the projection TV screen. Use this option to edit tapes while monitoring. |
| EDIT OUT | Output the signal input to the projection TV regardless of the displayed picture on the screen. Use this option to edit tapes while watching an input image different from that being recorded. |
| TV OUT | Output the TV signal. Use this option when you connect an AV receiver to the VIDEO 1 IN jacks. |

- To select MONITOR OUT:**
- (1) Make sure the cursor is beside MONITOR OUT and click the joystick.
 - (2) Press TV/VIDEO to select the input to the projection TV and click the joystick.



To select EDIT OUT:

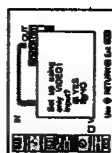
- (1) Press the joystick up or down to select EDIT OUT and click the joystick.
- (2) Press the joystick up or down to select the input to be edited and click the joystick.



To select TV OUT:

- (1) Press the joystick up or down to select TV OUT and click the joystick.

"Set up using only VIDEO1 input?" appears.



- (2) If you connect only an AV receiver to your projection TV, press the joystick up or down to select YES. Then click the joystick. You can always select the signal from the receiver by pressing TV/VIDEO once.
If you connect your audio/video equipment to the projection TV, select NO. You can select any of the VIDEO 1 to VIDEO 5 inputs with the TV/VIDEO button.

Notes

- When you set INPUT/OUTPUT to TV OUT, you cannot swap the input and window/left pictures.
- The SELECT OUT signal is only available when the projection TV is on.

Setting video labels (VIDEO LABEL)

This feature allows you to label each input mode so that you can easily identify the connected equipment. For example, you can label VIDEO 2 IN as VHS.

- 1 Press MENU.
- 2 Press the joystick up or down to select INPUT/OUTPUT and click the joystick.
- 3 Press the joystick up, down, right or left to select VIDEO LABEL and click the joystick.



- 4 Press the joystick up or down to select the input mode you want to label and click the joystick.



- 5 Press the joystick up or down to select the label and click the joystick.



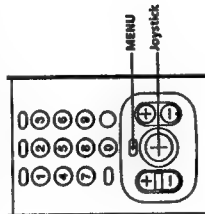
- 6 Repeat steps 4 and 5 to label other input modes.

Note
• If more than 90 seconds elapse after you press a button, the menu disappears automatically.

Using the TIMER menu

Setting the clock (CURRENT TIME)

Setting the clock enables you to check the time, turn the projection TV on and off with the timer, or to block a TV channel from being watched at a certain time.



- 1 Press MENU.
- 2 Press the joystick up or down to select TIMER and click the joystick.
- 3 Make sure the cursor (b) is beside CURRENT TIME, and click the joystick.

If the cursor is not beside CURRENT TIME, press the joystick up or down to move the cursor.



4 Set the current time.

- (1) Press the joystick up or down to select time display and click the joystick. The item to be set is highlighted.



- (2) Press the joystick up or down to set the day and click the joystick.



- (3) Set the hour and minute in the same way as in step (2). When you click the joystick after setting the minute, the clock starts.



- 5 Press the joystick up or down to select DS (Daylight Saving) TIME, and click the joystick.



- 6 Press the joystick up or down to select YES, NO or NONE and click the joystick.



| Choose | To |
|--------|--|
| YES | Set for daylight saving start (set after the first Sunday in April). Current time automatically moves one hour ahead. |
| NO | Set for daylight saving end (set after the last Sunday in October). This option is set at the factory. |
| NONE | Deactivate daylight saving time (if your area does not use daylight saving time). |

To correct the time

While the CURRENT TIME menu is displayed, press the joystick up, down, right or left to select RESET, and then click the joystick.

To display the current time on the projection TV screen
Press DISPLAY.

Notes

- If you unplug the projection TV or a power interruption occurs, the clock setting will be erased. Reset the current time.
- If you connect a VCR using an RF cable, the projection TV may not set up the correct current time information.

Setting your daylight saving time (DS TIME)

Make sure to set the clock before setting daylight saving time.

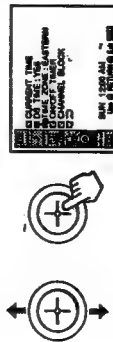
1 Press MENU.

2 Press the joystick up or down to select TIMER and click the joystick.

3 Press the joystick up or down to select DS TIME and click the joystick.



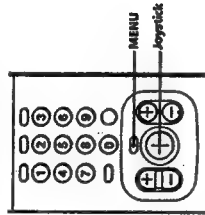
4 Press the joystick up or down to select YES, NO or NONE and click the joystick.



| Choose | To |
|--------|--|
| YES | Set for daylight saving start (set after the first Sunday in April). Current time automatically moves one hour ahead. |
| NO | Set for daylight saving end (set after the last Sunday in October). This option is set at the factory. |
| NONE | Deactivate daylight saving time (if your area does not use daylight saving time). |

Setting the timer to turn the projection TV on and off (ON/OFF TIMER)

You can set the projection TV to turn on and off at the time you specify. Make sure the clock is set correctly. If it is not, set the clock first (page 31).



1 Press MENU.

2 Press the joystick up or down to select TIMER and click the joystick.

3 Press the joystick up or down to select ON/OFF TIMER and click the joystick.



4 Enter the ON/OFF TIMER setting.
(1) Press the joystick up or down to select program 1 or 2 and click the joystick.

(2) Press the joystick up or down to set the day(s) and click the joystick. Each time you press the joystick up or down, the days cycle as shown below.
EVERY SUN-SAT→EVERY MON-FRI→
SUNDAY→...→SATURDAY→EVERY
SUNDAY→...→EVERY SATURDAY



(3) Press the joystick up or down to set the time (hour then minute) that you want to turn on the projection TV and click the joystick.

The indicator appears indicating the turn-on time.



(4) Press the joystick up or down to set the time duration and click the joystick.

Each time you click the joystick, the time duration increases by one hour up to a maximum of six hours. The bar indicator shows how long the projection TV is on.



(5) Press the joystick up or down to select the channel and click the joystick.



The TIMER indicator on the projection TV lights.

5 To set another program, click the joystick and repeat step 4.

One minute before the projection TV turns off, a message "TV will turn off." is displayed on the screen.

To cancel the timer

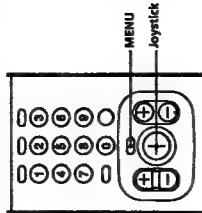
While the ON/OFF TIMER is displayed, press the joystick right or left to select RESET besides the program to be reset. Then click the joystick.

Note

- If you unplug the projection TV or a power interruption occurs, ON/OFF TIMER settings will be erased. Reset the current time, then set the timer.

Blocking out a channel (CHANNEL BLOCK)

This feature allows you to prevent children from watching unsuitable programs. Make sure the clock is set correctly. If it is not, set the clock first (page 31).



1 Press MENU.

2 Press the joystick up or down to select TIMER and click the joystick.

3 Press the joystick up or down to select CHANNEL BLOCK and click the joystick.



4 Enter a CHANNEL BLOCK setting.
(1) Press the joystick up or down to select program 1 or 2 and click the joystick.

(2) Press the joystick up or down to set the day(s) and click the joystick. Each time you press the joystick up or down, the days cycle as shown below.
EVERY SUN-SAT→EVERY MON-FRI→
SUNDAY→...→SATURDAY→EVERY
SUNDAY→...→EVERY SATURDAY



Using the SET UP menu

- (3) Press the joystick up or down to set the time (hour then minute) that you want to start blocking the channel and click the joystick.

The # indicator appears indicating the time to start blocking.



- (4) Press the joystick up or down to select the time duration you want to block and click the joystick.

Each time you click the joystick, the time duration increases by one hour up to a maximum of 12 hours. The bar indicator shows how long the projection TV is blocked out.



- (5) Press the joystick up or down to select the channel and click the joystick.



- 5 To set another program, click the joystick and repeat step 4.

If you select the blocked channel during the time you set, the message "BLOCKED" appears and the picture is blocked and the sound is muted.

To cancel a CHANNEL BLOCK setting

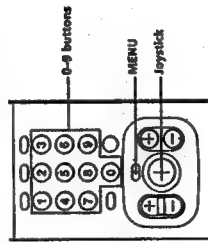
While the CHANNEL BLOCK menu is displayed, press the joystick right or left to select RESET besides the program to be reset. Then click the joystick.

Note

- If the CHANNEL BLOCK and ON/OFF TIMER settings are overlapped, the later time setting has priority over the earlier setting.

Customizing the channel names (CH CAPTION/LOGO)

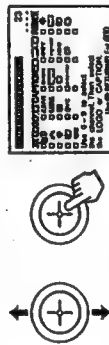
You can add a caption to up to 20 channels. This feature allows you to easily identify which channel you are watching. You can choose a broadcaster's logo (LOGO) or make your own four-letter caption (CAPTION).



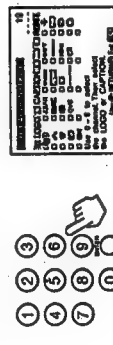
- 1 Press MENU.

- 2 Press the joystick up or down to select SET UP and click the joystick.

- 3 Press the joystick up or down to select CH CAPTION/LOGO and click the joystick.



- 4 Press the 0-9 buttons to select the channel that you want to caption.



5 Select LOGO or CAPTION.

To select LOGO:

- (1) Make sure that the cursor is beside LOGO, and click the joystick.



- (2) Press the joystick in any of eight directions to select the broadcaster's logo and click the joystick.



To select CAPTION

- (1) Press the joystick right or left to select CAPTION and click the joystick.



- (2) Press the joystick in any of eight directions to select the first letter.



- (3) Click the joystick.



- (4) Repeat steps (2) and (3) to select the remaining letters.



If you select fewer than three letters, move the cursor (b) to "-" after entering the letters, and click the joystick.

- 6 Repeat steps 4 and 5 to caption other channels.

To erase a caption

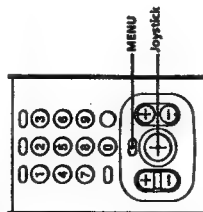
While the CH CAPTION/LOGO menu is displayed, press the joystick in any of eight directions to select RESET, then click the joystick.

Notes

- If the CH CAPTION/LOGO menu appears in grey, the projection TV is set to a video input, and you cannot select CH CAPTION/LOGO. Press TV/VIDEO so that a channel number appears.
- If more than 90 seconds elapse after you press a button, the menu disappears automatically.
- The CH CAPTION/LOGO feature is also available for the AUX input.
- If you move the cursor to the blank spaces at the bottom of the CH CAPTION/LOGO menu when you are selecting a logo, you cannot select any logo.

Setting your favorite channels (FAVORITE CHANNEL)

This feature allows you to select your favorite channels (up to eight channels) easily while displaying them on the screen at the same time.



- 1 Press MENU.
- 2 Press the joystick up or down to select SET UP and click the joystick.
- 3 Press the joystick up or down to select FAVORITE CHANNEL and click the joystick.



- 4 Press the joystick in any of eight directions to select the position in the FAVORITE CHANNEL screen, then click the joystick. The current channel is displayed in the selected position.



- 5 Press the joystick up or down to select the desired channel and click the joystick. The new channel is stored in the FAVORITE CHANNEL screen in the selected position.



- 6 Repeat steps 4 and 5 to set other favorite channels.

Note

- If you set TV INPUT to any option other than OFF, you cannot use the FAVORITE CHANNEL feature.

Selecting a favorite channel

After you set your favorite channels, you can select a channel you want while displaying all your favorite channels on the projection TV screen at the same time.

- 1 Click the joystick.

Eight window pictures of your favorite channels appear on the screen with the full-motion picture of the currently selected channel in the center.



- 2 Press the joystick to move the cursor to the channel you want to watch.

The joystick of the remote commander lets you select any picture with a press.



- 3 Click the joystick.

The picture of the selected channel is displayed on the screen.



Selecting a VCR input directly (DIRECT PLAY)

The DIRECT PLAY feature allows you to switch from TV input to VCR input mode by pressing the ► (playback) button on the supplied remote commander.

For example, connect your VCR to the VIDEO 1 IN jacks and set the VTR1 2 3 MDP selector located beneath the lid of the remote commander to VTR2. After completing the procedure below, the input mode is switched to the VCR connected to the VIDEO 1 IN jacks when you press the ► button.

- 1 Press MENU.

- 2 Press the joystick up or down to select SET UP, and click the joystick.

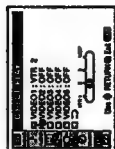
- 3 Press the joystick up or down to select DIRECT PLAY and click the joystick.



- 4 Press the joystick up or down to select the input to which the video equipment is connected and click the joystick.



- 5 Press the joystick up or down to select the position of the VTR1 2 3 MDP selector and click the joystick.



Customizing the pointer (CUSTOMIZED POINTER)

You can choose the desired cursor (pointer) from among eight different designs and/or colors.

- 1 Press MENU.

- 2 Press the joystick up or down to select SET UP and click the joystick.

- 3 Press the joystick up or down to select CUSTOMIZED POINTER and click the joystick.



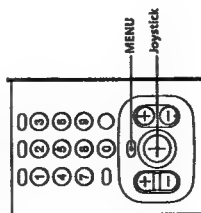
- 4 Press the joystick in any of eight directions to select the desired cursor and click the joystick.



Displaying Caption Vision/XDS (CAPTION VISION/XDS)

Some programs are broadcast with Caption Vision. To display Caption Vision, select either CC1, CC2, CC3, CC4, TEXT1, TEXT2, TEXT3 or TEXT4 from the menu. CC1, CC2, CC3 or CC4 shows you a caption, that is a printed version of the dialog or sound effects of a program. (The mode should be set to CC1 for most programs.) TEXT1, TEXT2, TEXT3 or TEXT4 shows you text, that is information presented using either half or the whole screen. It is not usually related to the program.

Some programs are broadcast with XDS (Extended Data Service) which shows a network name, program name, program length, call letters and time of the show. When you select XDS with the DISPLAY button, this information will be displayed on the screen if the broadcaster offers this service.



- 1 Press MENU.
- 2 Press the joystick up or down to select and click the joystick.



- 3 Press the joystick up or down to select the caption type and click the joystick.
The selected caption type is colored green.



To turn off the caption, text or XDS

Press DISPLAY on the remote commander until "DISPLAY OFF" appears on the screen. Each time you press DISPLAY, the display changes as follows:
on-screen information → XDS → Caption Vision or Text → DISPLAY OFF

"DISPLAY OFF" turns off after three seconds.

Note

- Captions may appear with a white box or another error instead of a certain word. Poor reception of TV programs can also cause errors in Caption Vision.

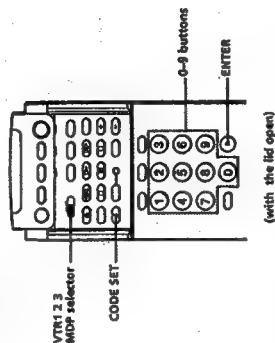
Operating video equipment

You can program the supplied remote commander to operate video equipment that have an infrared remote sensor. For programming, set the manufacturer's code number. You can set the manufacturer's code to each of four positions of the VTR1 2.3 MDP selector, so that you can operate four different pieces of equipment.

Setting the manufacturer's code

The following Sony video equipment is assigned to each position of the VTR1 2.3 MDP selector at its factory preset:

VTR1 Beta, ED Beta VCRs
VTR2 8 mm VCR
VTR3 VHS VCR
MDP Multi-disc player



Note

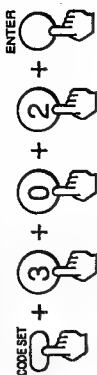
- To use another manufacturer's equipment besides a Sony VCR, set the selector to a position not being used for your Sony VCR.

- 1 Turn off the equipment you want to set up.
- 2 Open the lid, then set the VTR1 2.3 MDP selector to the position you want to set the code.



40-EN Operations

- 3 Press CODE SET, then press 0 - 9 to enter the manufacturer's code number (see the chart below) and press ENTER. For example, to operate a Sony 8 mm VCR, press CODE SET, 3, 0, 2 and ENTER.



VCR manufacturer code numbers

| Manufacturer | Code number |
|--------------------------|--|
| Sony | 301, 302, 303 |
| Alwa | 338 |
| Audio Dynamic | 314, 337 |
| Bell & Howell (M. Wards) | 330, 343 |
| Brosonic | 319 |
| Canon | 309, 308 |
| Citizen | 337 |
| Craig | 315, 302, 332 |
| Curtis Mathis | 304, 306, 309 |
| Daerwood | 341, 312, 309 |
| DBX | 314, 336, 337 |
| Dimensia | 304 |
| Emerson | 319, 320, 316, 317, 318 |
| Fisher | 330, 334, 335, 333 |
| Funai | 338 |
| General Electric | 329, 304, 309 |
| Goldstar | 332 |
| Hilachi | 306, 304, 305 |
| Instant Replay | 309, 308 |
| J.C. Penny | 309, 305, 304, 330, 314, 336, 337 |
| JVC | 314, 336, 337 |
| Kenwood | 314, 336, 332, 337 |
| LXI (Sears) | 332, 305, 333, 334, 330, 335 |
| Magnavox | 310, 308, 309 |
| Marantz | 314, 336, 337 |
| Marta | 332 |
| Memorex | 309, 335 |
| Minolta | 305, 304 |
| Mitsubishi/MGA | 323, 324, 325, 326 |
| Multitech | 323, 338, 321 |
| NEC | 314, 336, 337 |
| Olympic | 309, 308 |
| Panasonic | 308, 309, 306, 307 |
| Pentax | 305, 304 |
| Philco | 308, 309 |
| Philips | 310, 308, 309 |
| Pioneer | 308 |
| Quasar | 308, 309 |
| RCA/FROSCAN | 304, 305, 308, 309, 310, 311, 312, 313 |

(continued)

| VCR manufacturer code numbers | |
|-------------------------------|--|
| Manufacturer | Code number |
| Realistic | 309, 330, 328, 335, 324, 338, 314 |
| Sansul | 322, 313, 321 |
| Singer | 330, 335 |
| Samsung | 312, 313, 321, 335, 323, 324, 325, 326 |
| Sharp | 327, 328 |
| Shionom | 315 |
| Signature 2000 (M. Ward) | 338, 327 |
| Sylvania | 310, 308, 309, 338 |
| Symphonic | 338 |
| Tashiro | 332 |
| Tatung | 314, 336, 338, 337 |
| Tec | 309, 308 |
| Technics | 312, 311 |
| Toshiba | 327, 328, 335, 331, 332 |
| Wards | 330, 314, 336, 337 |
| Yamaha | 331 |
| Zenith | |

| MDP manufacturer code numbers | |
|-------------------------------|-------------|
| Manufacturer | Code number |
| Sony | 701 |
| Kenwood | 707 |
| Magnavox | 703 |
| Marantz | 702 |
| Mitsubishi | 702 |
| Panasonic | 704 |
| Philips | 703 |
| Pioneer | 702 |
| RCA | 702 |
| Sanyo | 706 |
| Sharp | 705 |
| Yamaha | 703 |

Notes

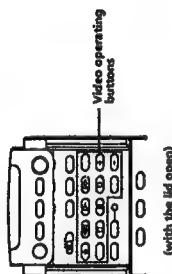
- If more than one code number is listed, try entering them one by one, until you come to the correct code for your equipment.
- In some rare cases, you may not be able to operate your non-Sony video equipment with this remote commander. This is because your equipment may use a code that is not provided with this remote commander. In this case, please use the equipment's own remote control unit or use the learning function (page 43).
- The code numbers for Sony equipment are assigned at the factory as follows:

| | |
|--------------------|-----|
| VHS VCR | 301 |
| 8 mm VCR | 302 |
| Beta, ED Beta VCRs | 303 |
| Multi-disc player | 701 |

Caution

- Whenever you remove the batteries — to replace them, for example — if too much time is taken, the code numbers revert to the factory settings and must be reset.

Operating video equipment



1 Set the VTR1 2 3 MDP selector to the position you set for the video equipment.



2 Use the video operating buttons on the remote commander, to operate the video equipment.

Operating a VCR

| Buttons on the remote commander | |
|--|--|
| To turn on or off | Press POWER |
| To change channels | Press CH +/- |
| To record | Press ● and REC simultaneously |
| To stop | Press ■ |
| To fast forward | Press ►► |
| To rewind the tape | Press ◄◄ |
| To pause | Press II |
| To resume normal playback, press again. | |
| To search the picture forward or backward | Press ►► or ◄◄ during playback |
| To resume normal playback, release the button. | |
| To change input mode | Press TV/VTR |
| To eject a cassette | Press ▲ (Used only with Sony brand products) |

Operating a multi-disc player

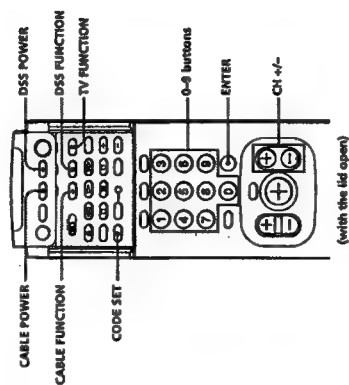
| Buttons on the remote commander | |
|--|--|
| To turn on or off | Press POWER |
| To play | Press ► |
| To stop | Press ■ |
| To pause | Press II |
| To resume normal playback, press again. | |
| To search the picture forward or backward | Press ►► or ◄◄ during playback |
| To resume normal playback, release the button. | |
| To search the chapter forward and backward | Press CH +/- |
| To eject a disc | Press ▲ (Used only with Sony brand products) |

Note

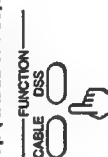
- If the video equipment does not have a certain function, the corresponding button on this remote commander will not operate.

Operating a cable box or DSS receiver

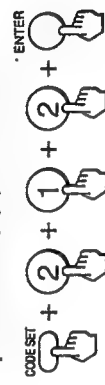
You can program the supplied remote commander to operate a cable box or DSS receiver. Follow the procedures below to set the manufacturer's code number to operate it.



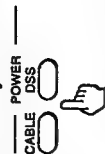
1 Turn off the equipment you want to set up and press FUNCTION of the equipment you want to set up (CABLE or DSS).



2 Press CODE SET, then press 0-9 to enter the manufacturer's code number (see the chart below) and press ENTER. For example, to program your remote commander to operate a Zenith cable box, press CODE SET, 2, 1, 2 and ENTER.



3 Press CABLE POWER to turn on a cable box or DSS POWER when you use a DSS receiver.



4 Use the projection TV control buttons to check if your code number works.

For example, to operate a cable box, you can use the CABLE POWER, JUMP, CH +/-, 0-9 and ENTER buttons.

To operate a DSS receiver, you can use the DSS POWER, JUMP, DISPLAY, MENU and 0-9 buttons, and the joystick.

To operate the projection TV

Press TV FUNCTION. Then use the projection TV control buttons to control the projection TV.

For more details on operating the cable box or DSS receiver

Refer to the operating instructions that come with the equipment.

If the remote commander doesn't work

- First, try repeating the setup procedures using the other codes listed for your equipment.
- If — after trying all the codes listed for your equipment — you still cannot get the remote commander to work properly, try the learning function described on page 43.

Manufacturer code numbers (cable box)

| Manufacturer | Code number |
|--------------------|---|
| Hamilton/Regal | 222, 223, 224, 225, 226 |
| Jeroid/C.G. I. | 201, 202, 203, 204, 205, 206, 207, 208, 218 |
| Oak | 227, 228, 229 |
| Panasonic | 219, 220, 221 |
| Pioneer | 214, 215 |
| Scientific Atlanta | 209, 210, 211 |
| Tecum | 216, 217 |
| Zenith | 212, 213 |

Manufacturer code numbers (DSS receiver)

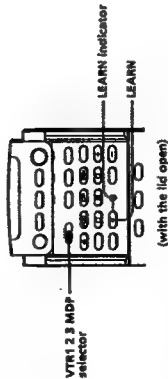
| Manufacturer | Code number |
|--------------|-------------|
| Sony | 801 |
| RCA | 802 |

Notes

- If more than one code number is listed, try entering them one by one until you come to the correct code for your equipment.
- If you enter a new code number, the code number you previously entered at that setting is erased.
- In some rare cases, your equipment may use a code that is not provided with this remote commander. In this case, please use the equipment's own remote control unit or use the learning function (page 43).
- Whenever you remove the batteries — to replace them, for example — if too much time is taken, the code numbers revert to the factory settings and must be reset.

Operating non-preprogrammed equipment — Learning function

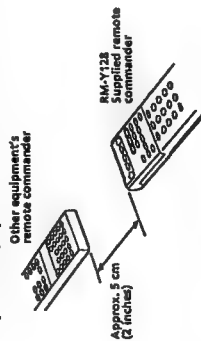
You can program the supplied remote commander to learn the functions of another remote commander. Use this function to operate equipment whose manufacturer's code is not preprogrammed, such as Sony or other manufacturers' audio equipment or other equipment whose manufacturer's code is not listed on pages 40 — 42.



1 Set the VTR1 2 3 MDP selector to VTR3 or MDP.



2 Place the supplied remote commander and the other equipment's remote commander directly facing each other, approximately 5 cm (2 inches) apart.



3 Press and release the LEARN button.
The LEARN indicator lights up.



4 Press and release the button on the supplied remote commander that will learn the function.

The LEARN indicator flashes off and then on again, indicating that the remote commander is ready to learn.

5 Hold down the corresponding button on the other remote commander and release the button when the LEARN indicator flashes off then on again.

When the LEARN indicator flashes off and then on again, this indicates that learning is complete. If not, repeat steps 4 and 5.

6 Repeat steps 4 and 5 to learn other functions.

7 Press LEARN.

The LEARN indicator goes off, indicating that learning is complete.

Notes

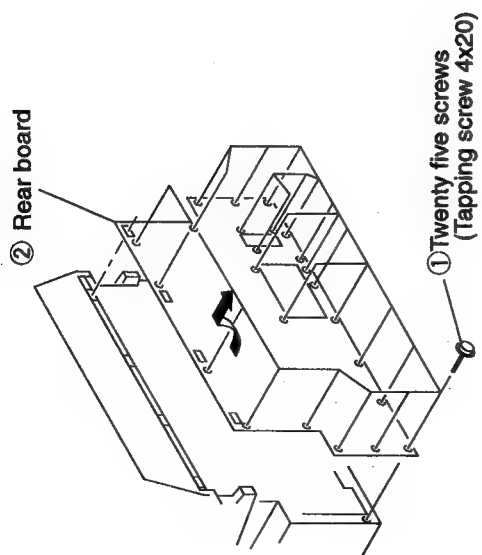
- The LEARNING function does not work in VTR1 or VTR2 setting.
- Do not move the remote commanders during learning.
- If you press a button of the supplied remote commander that cannot be used for learning in learning mode, the LEARN indicator flashes four times.
- If the other remote commander's signal cannot be learned, the LEARN indicator flashes four times.
- To clear all learned signals from memory, set the VTR1 2 3 MDP selector to MDP, press LEARN, then press TV POWER while holding down VOL \rightarrow . Then press LEARN again.

Caution

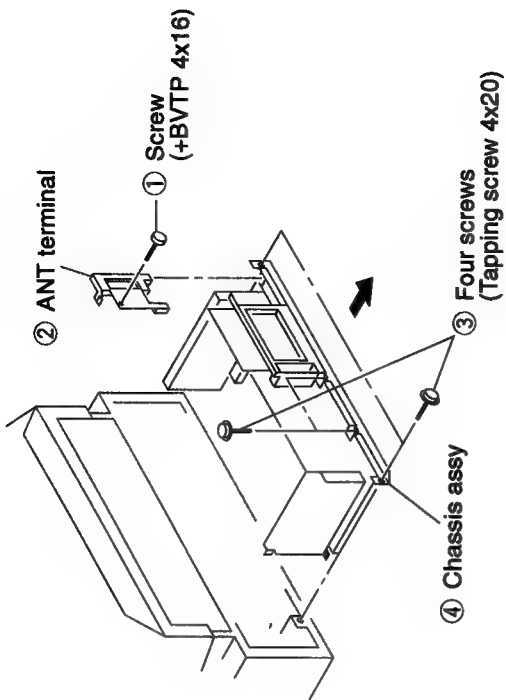
- Whenever you remove the batteries — to replace them, for example — if too much time is taken, the code numbers revert to the factory settings and must be reset.

SECTION 2 DISASSEMBLY

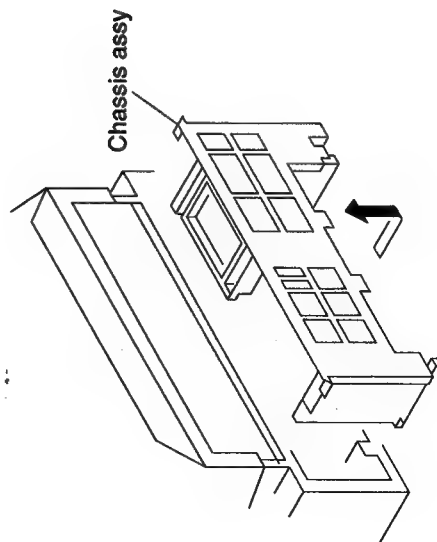
2-1. REAR BOARD REMOVAL



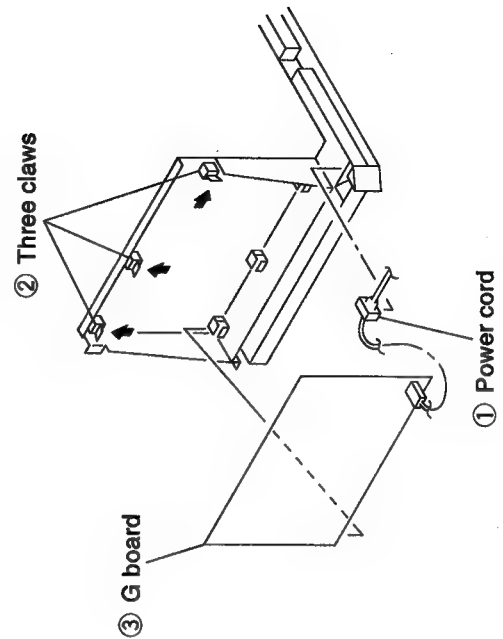
2-2. CHASSIS ASSY REMOVAL



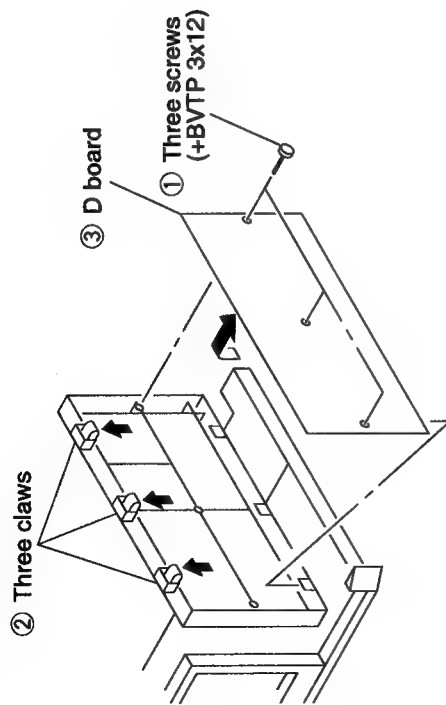
2-3. SERVICE POSITION



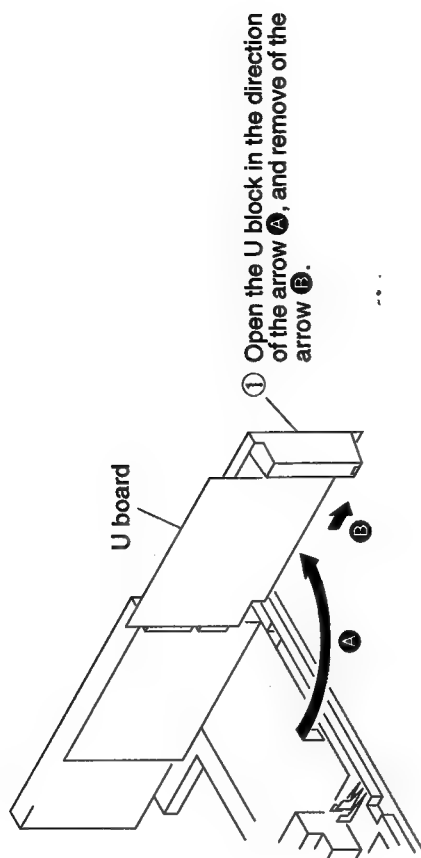
2-4. G BOARD REMOVAL



2-5. D BOARD REMOVAL

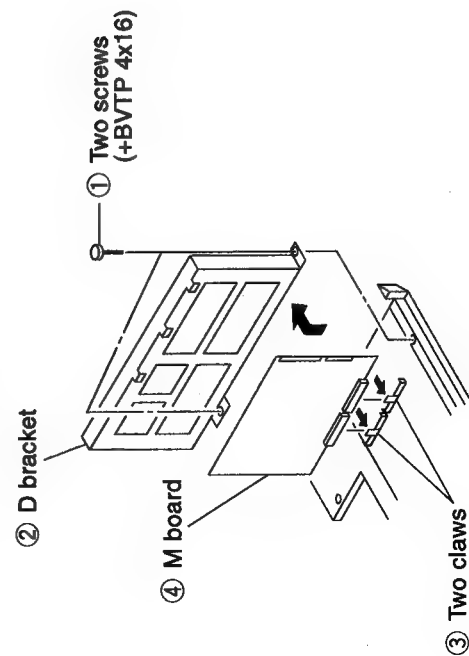


2-6. U BOARD REMOVAL

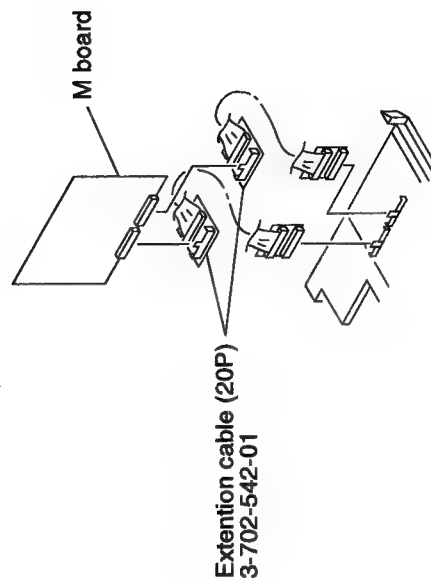


2-7-1. M BOARD REMOVAL

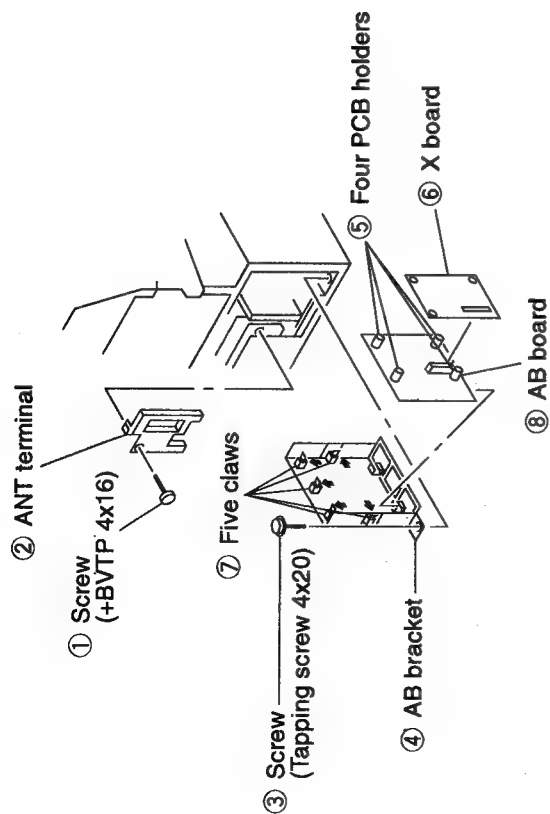
Remove the D board. (Refer to 2-5.)
Remove the U board. (Refer to 2-6.)



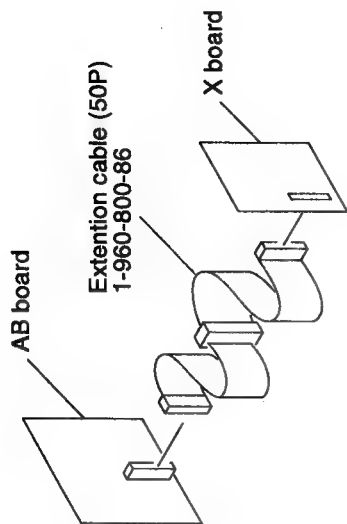
2-7-2. EXTENSION CABLE (M BOARD)



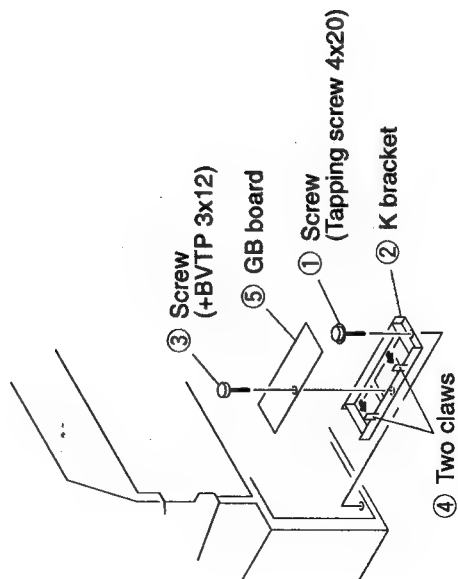
2-8-1. AB AND X BOARDS REMOVAL



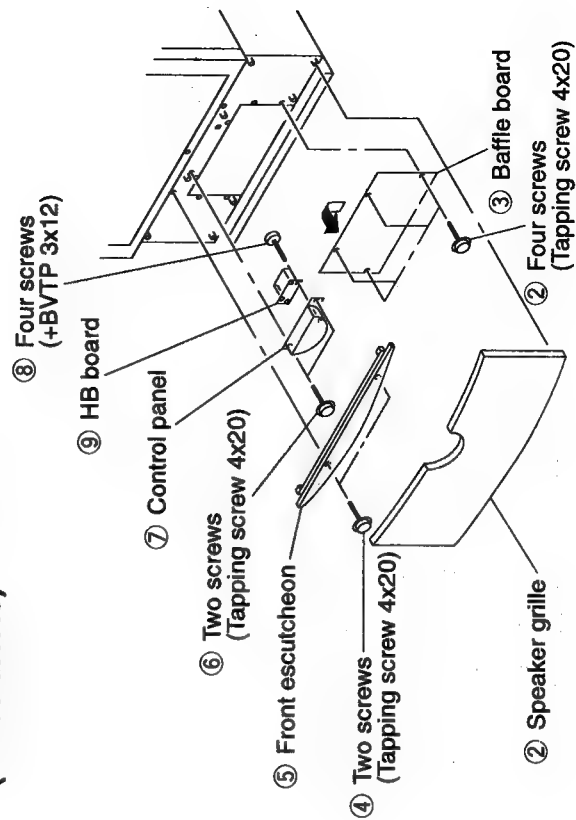
2-8-2. EXTENSION CABLE (X BOARD)



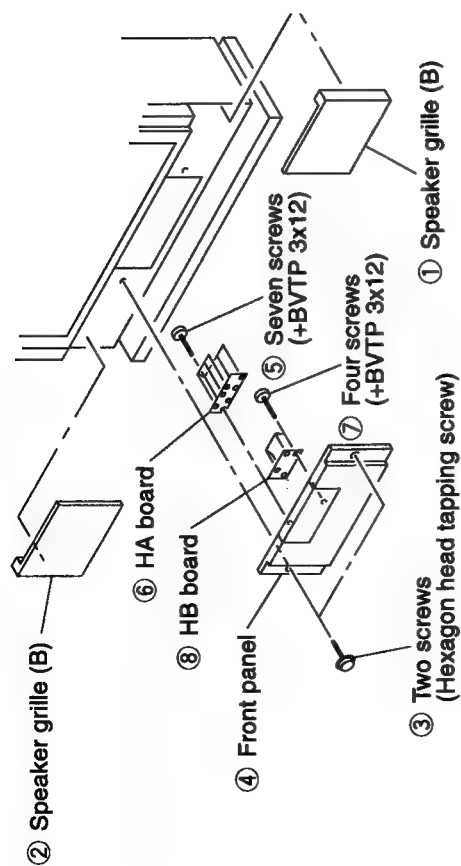
2-9. GB BOARD REMOVAL



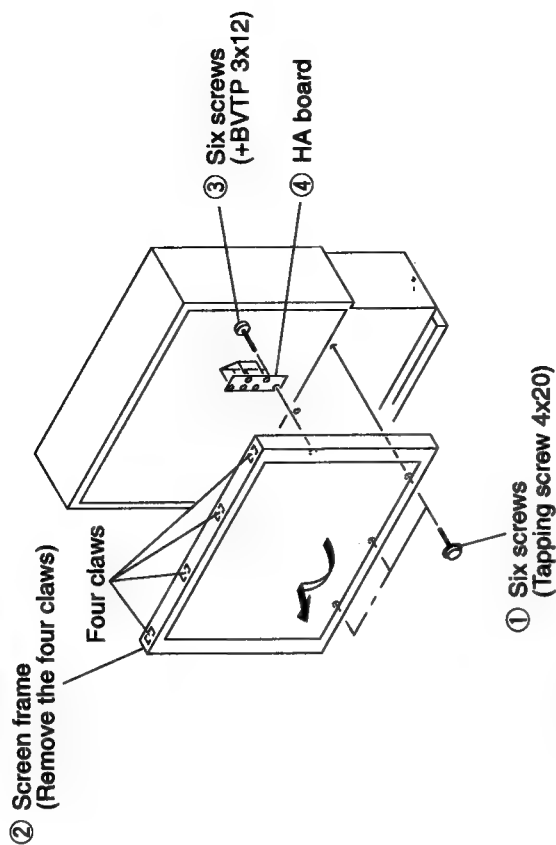
2-10-1. HB BOARD REMOVAL (KP-53XBR45)



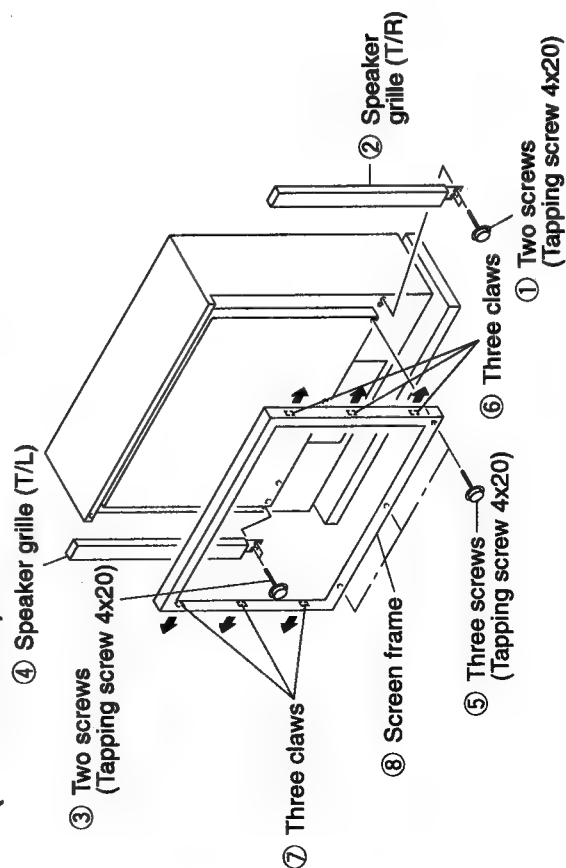
2-10-2. HA AND HB BOARDS REMOVAL (KP-61XBR48)



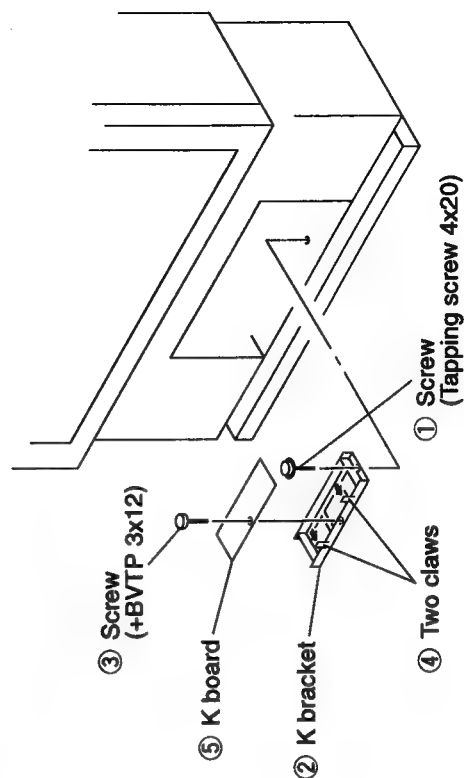
2-11-1. HA BOARD REMOVAL (KP-53XBR45)



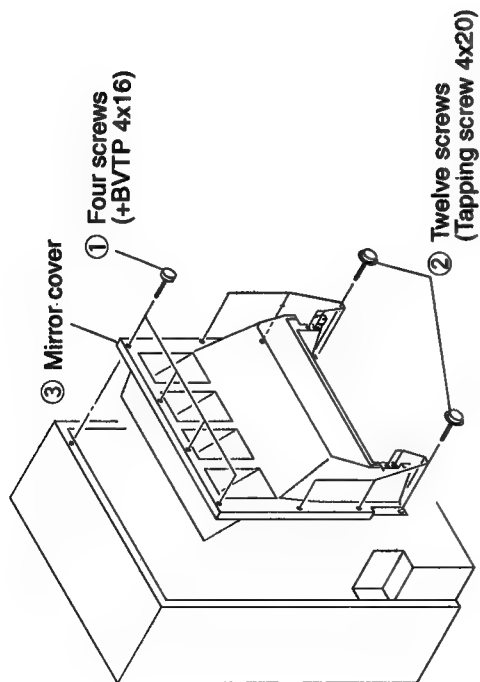
2-11-2. SCREEN FRAME REMOVAL (KP-61XBR48)



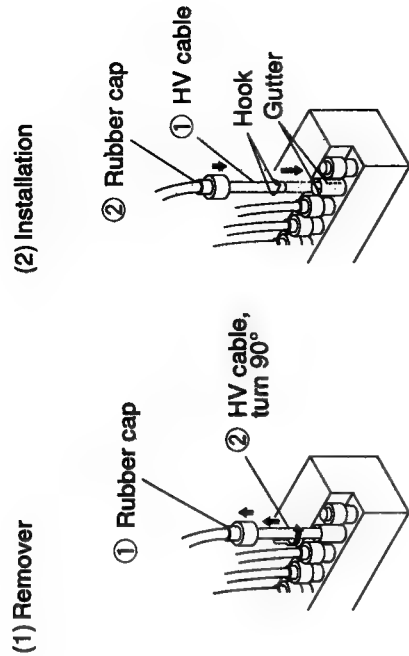
2-12. K BOARD REMOVAL



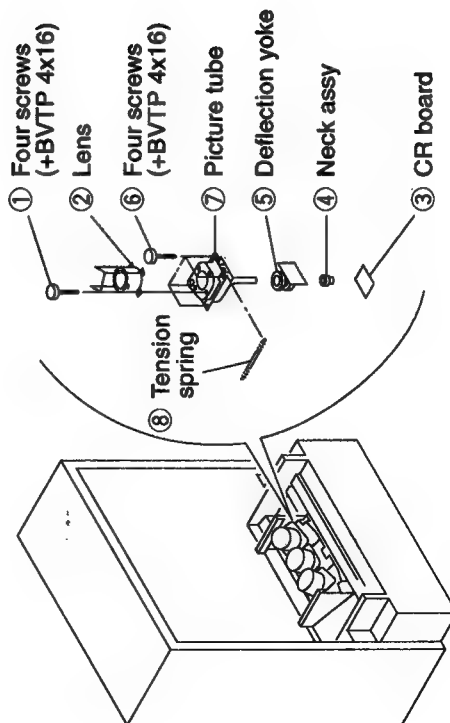
2-13. MIRROR COVER REMOVAL



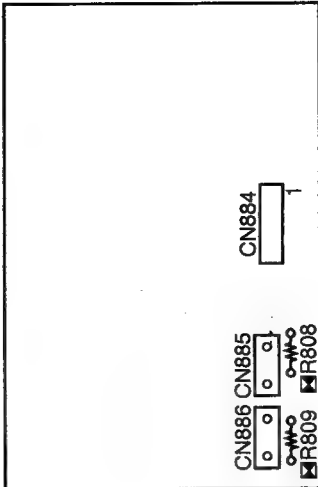
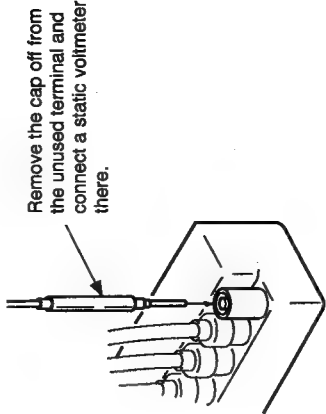
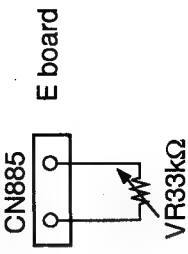
2-14. HIGH-VOLTAGE CABLE INSTALLATION AND REMOVAL

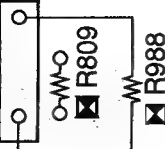
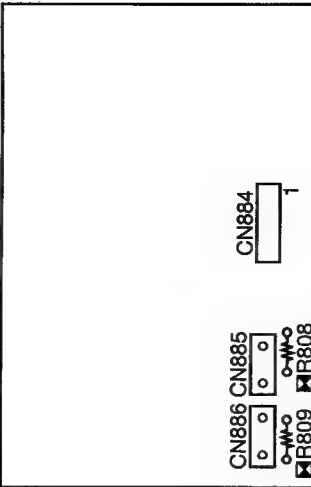




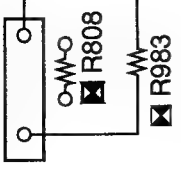
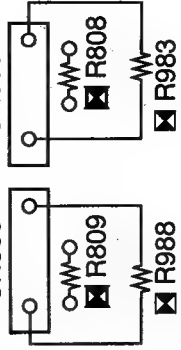
2-15. PICTURE TUBE REMOVAL

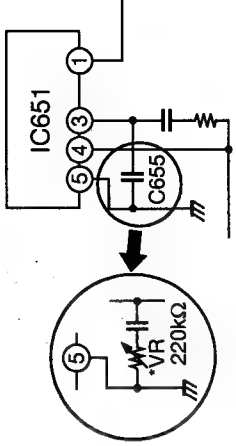
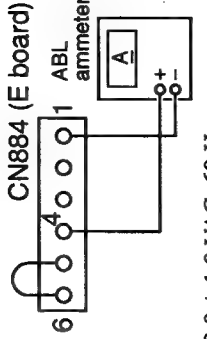


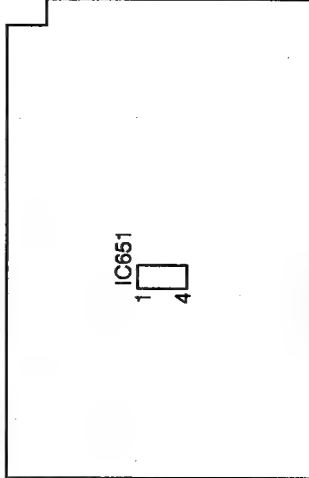
SECTION 3 SAFETY RELATED ADJUSTMENTS

| ADJUSTMENT ITEM AND PROCEDURE | EQUIPMENT AND SIGNAL | MEASUREMENT POSITION | ADJUSTMENT LOCATION | ILLUSTRATION AND SHAPE AND NUMBER |
|---|----------------------|--|--|---|
| HV HOLD DOWN CIRCUIT OPERATIONS CHECK AND ADJUSTMENT (*<input checked="" type="checkbox"/> RESISTOR) When replacing the parts marked * <input checked="" type="checkbox"/> on the right, check the HV hold down and adjust. | | * <input checked="" type="checkbox"/> marked parts C818, D804, D806, D809, D909, D912, Q915, R809, R855, R856, R857, R858, R954, R955, R983, R984, R988, R991, R995, R996, R998, T803, FBT, E board HV Block * HV Block | * <input checked="" type="checkbox"/> R809, R988 | E BOARD – COMPONENT SIDE –  |
| 1. Remove the cap for the unconnected pin in the *high-voltage block and connect a *Static Voltmeter meter. 2. Input 130 VAC power. | * Static Voltmeter | | | *  |
| 3. Receive the *Dot signal and set the *PICTURE and BRIGHTNESS settings to their minimums. 4. Connect a *33 kΩ variable resistor across the E board *CN885 connector (with the variable resistor set to its maximum). | * Dot pattern | | *PICTURE minimum BRIGHTNESS minimum | *  |

| ADJUSTMENT ITEM AND PROCEDURE | EQUIPMENT AND SIGNAL | MEASUREMENT POSITION | ADJUSTMENT LOCATION | ILLUSTRATION AND SHAPE AND NUMBER |
|--|---|----------------------|---|---|
| <p>5. Gradually lower the value of the variable resistor and check that the hold down circuit operates at a Static Voltmeter reading of *33.70 ± 0.80 kVDC and that the rasters disappear.</p> <p>6. If the hold down circuit operates and the rasters disappear at a Static Voltmeter reading of *34.0 kVDC or higher, remove resistor *R809 and mount a *16.0 kΩ 1/4W RN at *R988.</p> <p>If the hold down circuit operates and the rasters disappear at a Static Voltmeter reading of *32.0 kVDC or lower, remove resistor R809 and mount *6.2 kΩ 1/4W RN at *R988.</p> <p>7. Check Item 5 again.</p> | | | <p>*R988</p> <p>*R988</p> | <p>*33.70 ± 0.80 kVDC</p> <p>*34.0 kVDC or higher * CN886 (E board)</p> <p>*16.0 kΩ 1/4W</p> <p>*32.0 kVDC or lower</p> <p>*6.2 kΩ 1/4W</p>  |
| <p>HV REGULATION CIRCUIT CHECK AND ADJUSTMENT</p> <p>(*R RESISTOR)</p> <p>When replacing the parts marked * on the right, check the HV regulation and adjust.</p> | <p>* marked parts</p> <p>C918, C930, C934, C980, D902, D920, D925, Q909, R808, R851, R929, R936, R939, R942, R944, R945, R946, R947, R950, R960, R965, R967, R971, R975, R976, R982, R983, R985, R998</p> <p>E Board</p> <p>HV Block</p> <p>*HV Block</p> | <p>*R808, R983</p> | | <p>E BOARD – COMPONENT SIDE –</p>  |
| <p>1. Remove the cap for the unconnected pin in the *high-voltage block and connect a *Static Voltmeter.</p> <p>2. Input 120 VAC power.</p> <p>3. Receive the *Monoscope signal and set the *PICTURE and BRIGHTNESS settings to their maximum.</p> | <p>* Static Voltmeter</p> <p>* Monoscope pattern</p> | | <p>*PICTURE</p> <p>..... maximum</p> <p>BRIGHTNESS</p> <p>..... maximum</p> | <p>*120.0 V AC</p> |

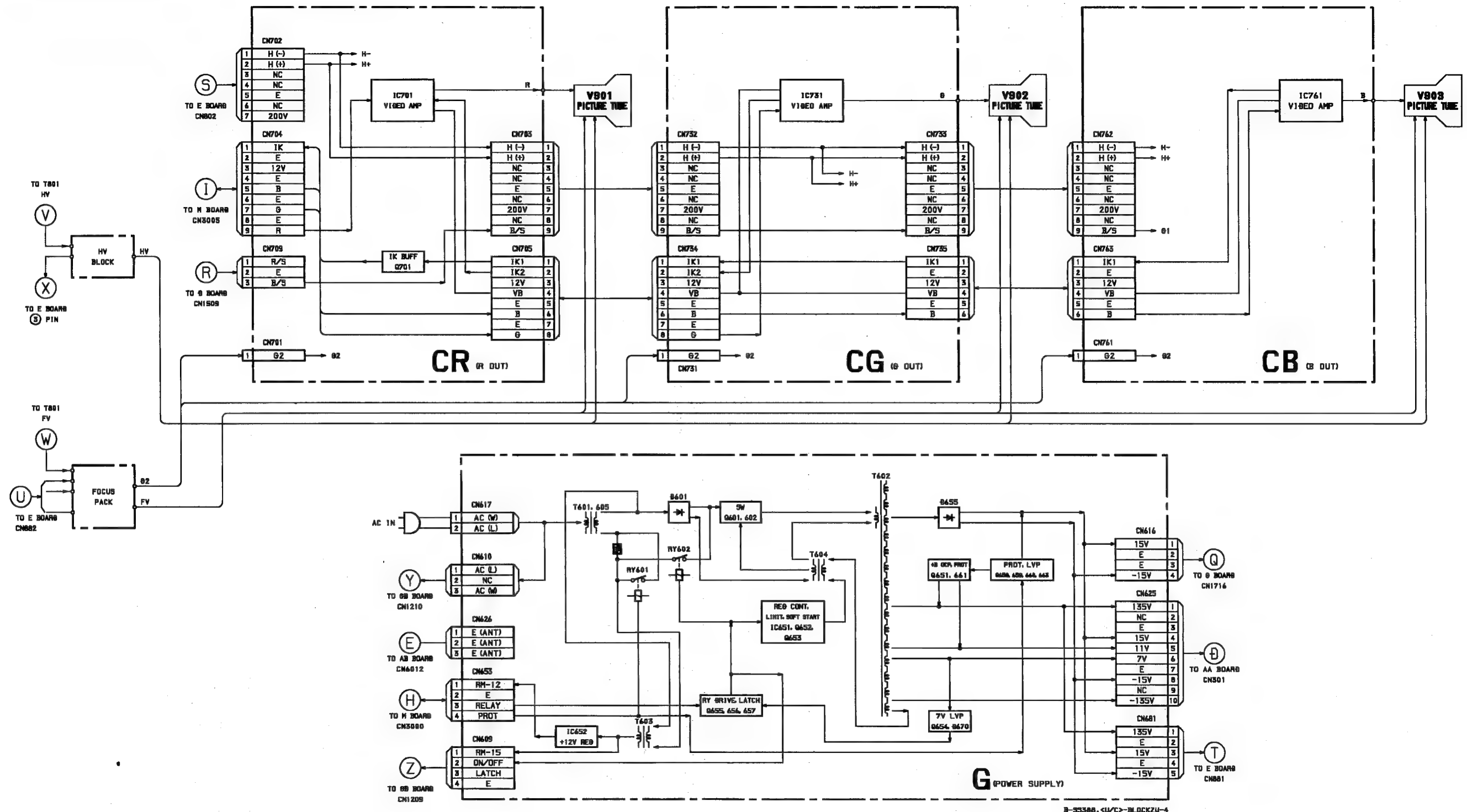
| ADJUSTMENT ITEM AND PROCEDURE | EQUIPMENT AND SIGNAL | MEASUREMENT POSITION | ADJUSTMENT LOCATION | ILLUSTRATION AND SHAPE AND NUMBER |
|--|----------------------|----------------------|---|---|
| <p>4. Check that the Static Voltmeter reading is *31.00 ^{+0.5}/_{-0.7} kVDC.</p> <p>5. If the Static Voltmeter reading is *30.5 kV or lower, remove resistor *R808 and mount *5.6 kΩ 1/4W RN at *R983.</p> <p>6. If the Static Voltmeter reading is *31.4 kV or higher, remove resistor *R808 and mount *8.2 kΩ 1/4W RN at *R983.</p> <p>7. If the Static Voltmeter reading is *32.0 kV or higher, remove resistor *R808 and mount *10.0 kΩ 1/4W RN at *R983.</p> <p>8. If any of Items 5, 6 or 7 has been implemented, check Item 4 again.</p> <div data-bbox="695 1402 769 1999" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>HV HOLD DOWN AND HV REGULATOR SIMPLE ADJUSTMENT</p> </div> <p>It is normally desirable that the HV hold down and HV regulation checks use a high-voltage meter. However, sometime one is not available, for example in the field, below is a simple adjustment method.</p> <p>When replacing parts with the  mark, replace both the resistors with the  mark *R808 (R988) and *R809 (R983) with resistors one rank lower in the E-12 series. Do not replace just one of these resistors! Always replace both with resistors one rank lower.</p> | | | <p>*R983</p> <p>*R983</p> <p>*R983</p> | <p>*31.00 ^{+0.5}/_{-0.7} kVDC</p> <p>*30.5 kV or lower</p> <p>*5.6 kΩ 1/4W</p> <p>*31.4 kV or higher</p> <p>*8.2 kΩ 1/4W</p> <p>*32.0 kV or higher</p> <p>*10.0 kΩ 1/4W</p> <p>* CN885 (E board)</p>  |
| | | | <p>*R808 (R988)</p> <p>*R809 (R983)</p> | <p>* E board</p>  |

| ADJUSTMENT ITEM AND PROCEDURE | EQUIPMENT AND SIGNAL | MEASUREMENT POSITION | ADJUSTMENT LOCATION | ILLUSTRATION AND SHAPE AND NUMBER |
|--|--|----------------------|---|--|
| OVERVOLTAGE PROTECTION (OVP) OPERATIONS CHECK 1. Connect a *220 k Ω variable resistance rheostat to the G board C655 (between Pins ③ and ⑤ of IC651). 2. Input *120.0 \pm 1.0 VAC, 60 Hz power. 3. Receive the *Dot signal and set the *PICTURE and BRIGHTNESS settings to their minimums. 4. Gradually lower the value of the connected variable resistance and check that when the +B line *voltage is *143.5 \pm 5.5 VDC, the overvoltage circuit operates and the rasters disappear. 5. Remove the variable resistor and check the +B line voltage. | | | |  <p>* 120.0 \pm 1.0 VAC, 60 Hz</p> <p>* 143.5 \pm 5.5 VDC</p> |
| BEAM CURRENT (Σ/K) PROTECTION CIRCUIT CHECK 1. Connect the *ABL ammeter between *Pins ① and ④ of the CN884 on the E board. Have Pins ② and ③ open. 2. Input *120.0 \pm 1.0 VAC, 60 Hz power. 3. Receive a *monoscope signal and set the *PICTURE and BRIGHTNESS settings to their minimums. | <p>* Dot pattern</p> <p>* Digital Multimeter</p> <p>* Ammeter</p> <p>* Monoscope pattern</p> | | <p>* PICTURE minimum BRIGHTNESS minimum</p> <p>* PICTURE minimum BRIGHTNESS minimum</p> |  <p>* 120.0 \pm 1.0 VAC, 60 Hz</p> |

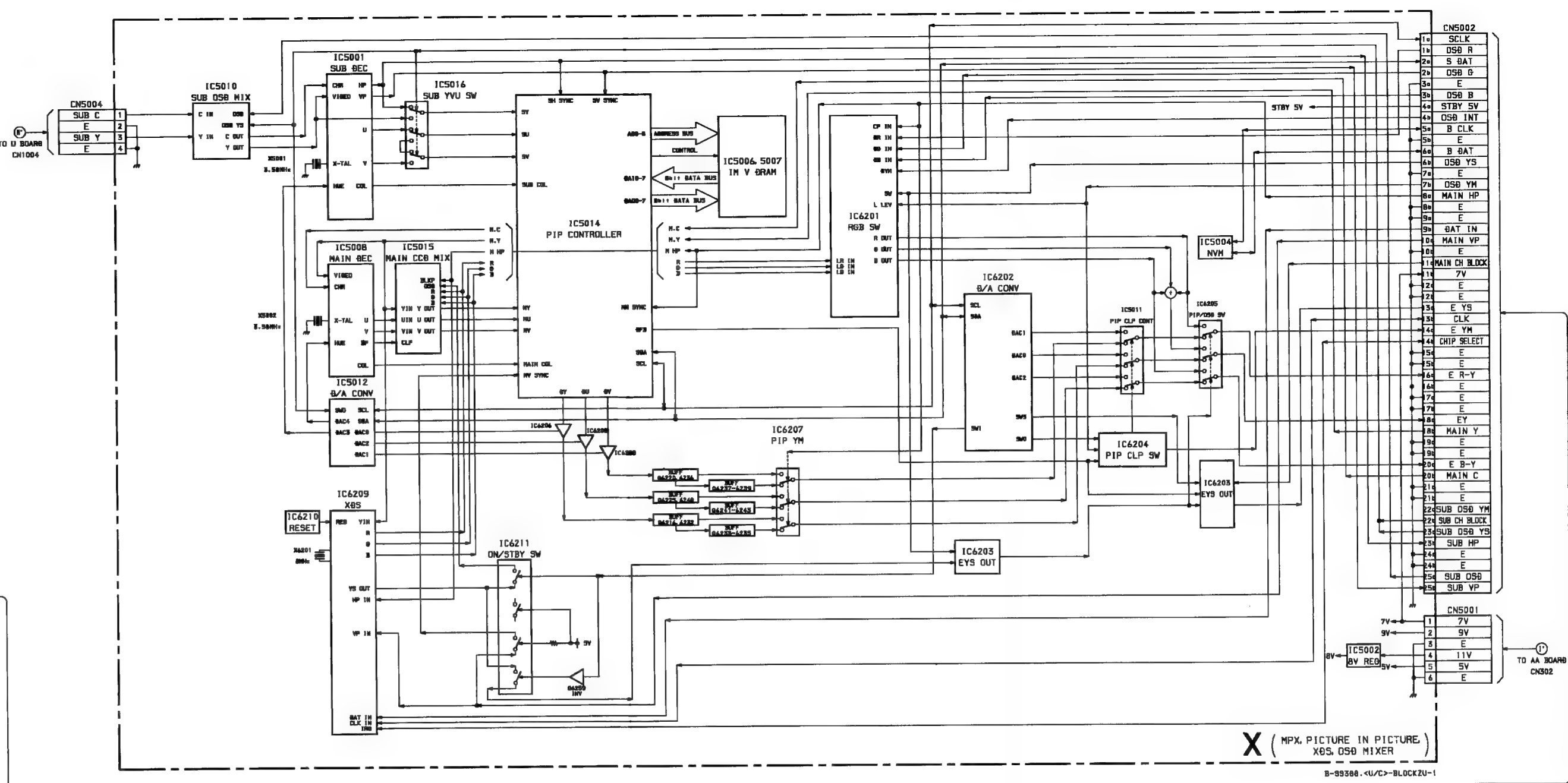
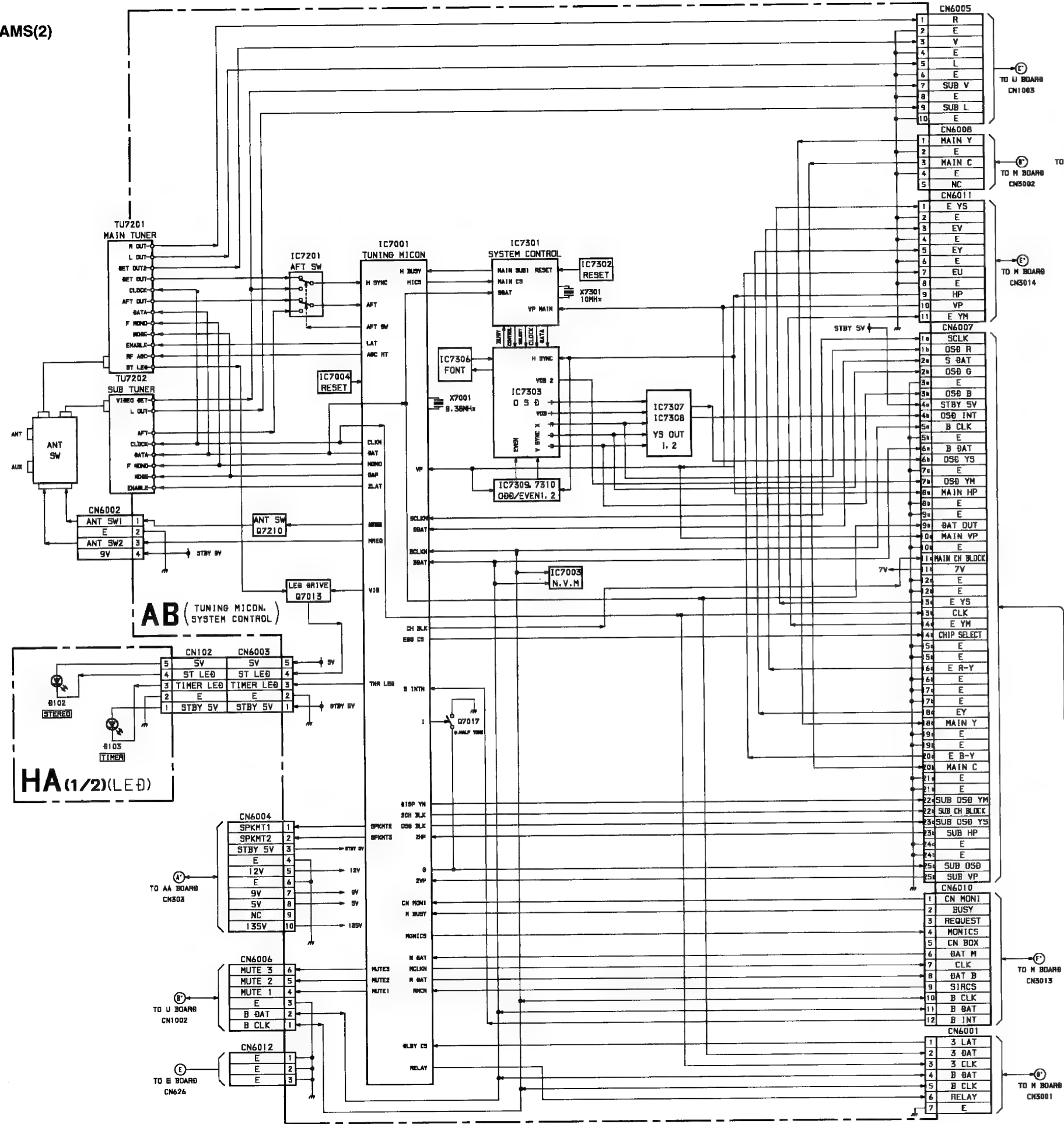
| ADJUSTMENT ITEM AND PROCEDURE | EQUIPMENT AND SIGNAL | MEASUREMENT POSITION | ADJUSTMENT LOCATION | ILLUSTRATION AND SHAPE AND NUMBER |
|--|----------------------|---|---|---|
| 4. Gradually raise the *PICTURE and BRIGHTNESS settings and check that below an *ABL current of 3.35 mA (including dark current), the beam current protection circuit operates and the rasters disappear. +B, +B MAX CHECK When replacing the G board IC651, check the following. | | | <p>* PICTURE BRIGHTNESS</p> | <p>* Less than 3.35 mA</p>  <p>E BOARD – COMPONENT SIDE –</p> <p>* 120.0 \pm 1.0 V, 60 Hz</p> |
| 1. Input *120.0 \pm 1.0 V, 60 Hz power. 2. Receive the *Dot signal and set the *PICTURE and BRIGHTNESS settings to their minimums. 3. Check that the *+B line voltage is now *135.0 \pm 2.0 VDC. 4. Set the power supply to *130.0 $^{+2.0}_{-0}$ VAC. 5. Check that the *+B line voltage is *137.0 VDC max. 6. If either 3 or 5 is not satisfied, replace IC651 again. | <p>* Dot pattern</p> | <p>* CN681 pin ①</p> <p>* CN681 pin ①</p> | <p>* PICTURE minimum BRIGHTNESS minimum</p> | <p>* 135.0 \pm 2.0 VDC</p> <p>* 130.0 $^{+2.0}_{-0}$ VAC</p> <p>* Less than 137.0 VDC</p> |

SECTION 4 DIAGRAMS

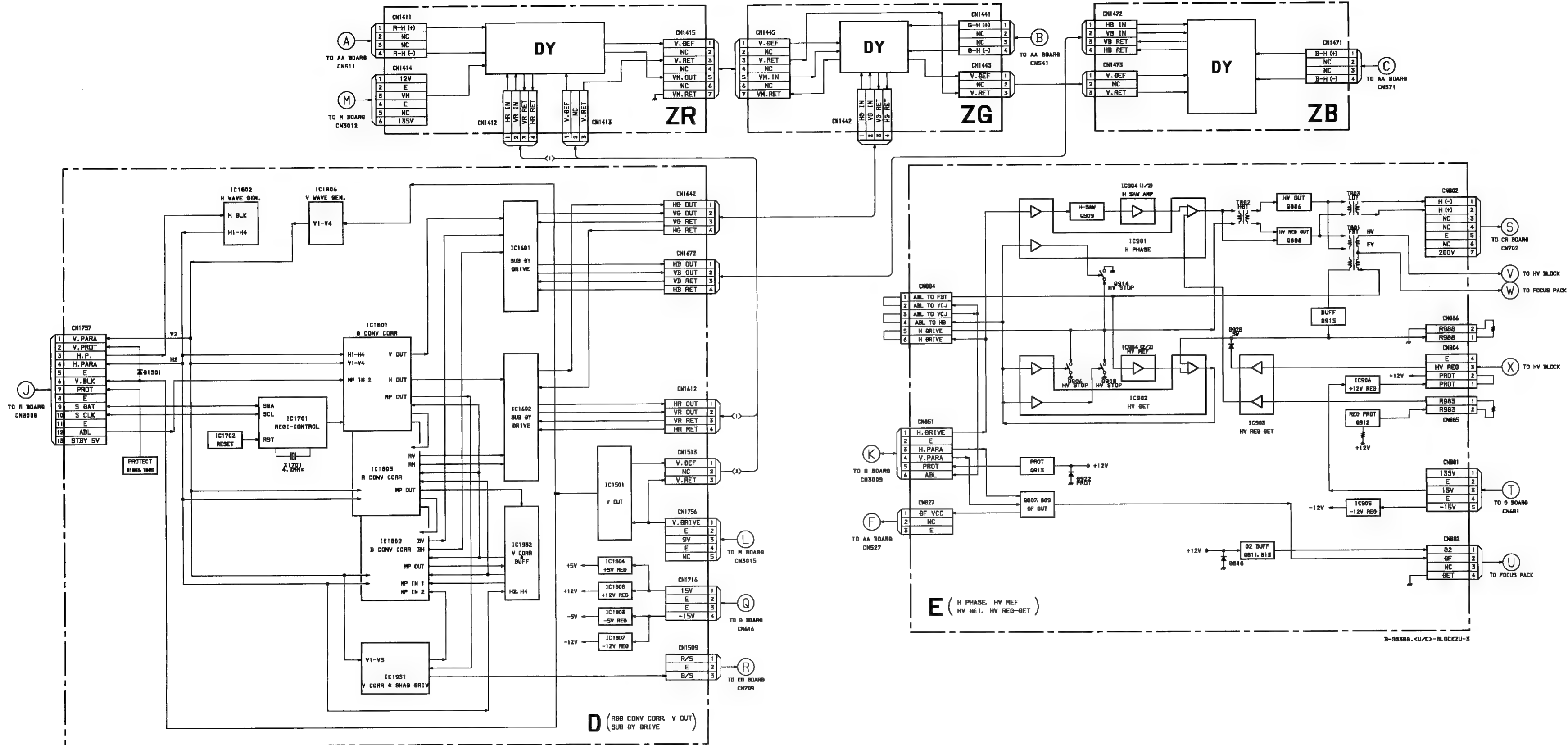
4-1. BLOCK DIAGRAMS(1)



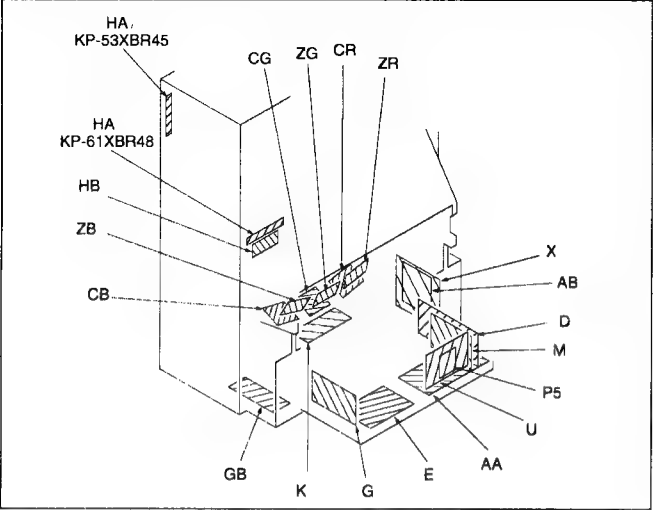
BLOCK DIAGRAMS(2)



BLOCK DIAGRAMS(4)



4-2. CIRCUIT BOARDS LOCATION



4-3. PRINTED WRING BOARDS AND SCHEMATIC DIAGRAMS

- Note:
- All capacitors are in μF unless otherwise noted. pF : μF 50WV or less are not indicated except for electrolytics and tantalums.
 - All electrolytics are in 50V unless otherwise specified.
 - All resistors are in ohms.
 - k Ω =1000 Ω , M Ω =1000k Ω
 - Indication of resistance, which dose not have one for rating electrical power, is as follows.

| |
|---------------------------------|
| Pitch : 5mm |
| Rating electrical power : 1/4 W |

- : nonflammable resistor.
- : fusible resistor.
- # mark parts are not mount.
- Δ : internal component.
- : panel designation and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- The components identified by in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation.
- Should replacement be required, replace only with the value originally used.
- When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by and repeat the adjustment until the specified value is achieved. (Refer to R808,R809,R983 and R988 adjustment on Page 30 – 34.)
- When replacing the part in below table, be sure to perform the related adjustment.

| Part replaced () | Adjustment () |
|---|-------------------------------|
| HVBlock Q915, D804, D806, D809, D909, D912, C818, R809, R855, R856, R857, R858, R954, R955, R983, R984, R988, R991, R995, R996, R998, T801(FBT), T803E BOARD | HV HOLD-DOWN (R809, R988) |
| HV Block, Q909, D902, D920, D925, C918, C930, C934, C980, R808, R851, R929, R936, R939, R942, R944, R945, R946, R947, R950, R965, R967, R971, R975, R976, R982, R983, R985, R998.....E BOARD | HV Reagurator (R808, R983) |

- As to the voltage value shown by the semiconductors on the Schematic Diagram, see the another list
- Readings are taken with a color-bar signal input.
- Readings are taken with a 10M Ω digital multimeter.
- Voltages are dc with respect to ground unless otherwise noted.
- Voltage variations may be noted due to normal production tolerances.
- All voltages are in V.
- * : Measurement impossibility.

Reference information

| | | |
|-----------|------------|--------------------------|
| RESISTOR | : RN | METAL FILM |
| | : RC | SOLID |
| | : FPRD | NONFLAMMABLE CARBON |
| | : FUSE | NONFLAMMABLE FUSIBLE |
| | : RW | NONFLAMMABLE WIREWOUND |
| | : RS | NONFLAMMABLE METAL OXIDE |
| | : RB | NONFLAMMABLE CEMENT |
| | : \times | ADJUSTMENT RESISTOR |
| COIL | : LF-8L | MICRO INDUCTOR |
| CAPACITOR | : TA | TANTALUM |
| | : PS | STYROL |
| | : PP | POLYPROPYLENE |
| | : PT | MYLAR |
| | : MPS | METALIZED POLYESTER |
| | : MPP | METALIZED POLYPROPYLENE |
| | : ALB | BIPOLAR |
| | : ALT | HIGH TEMPERATURE |
| | : ALR | HIGH RIPPLE |

Note:The symbol display is on the component side.

The components identified by shading and mark are critical for safety. Replace only with part number specified.

The symbol indicate fast operating fuse. Replace only with fuse of same rating as maked.

Note: Les composants identifiés per un tramé et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

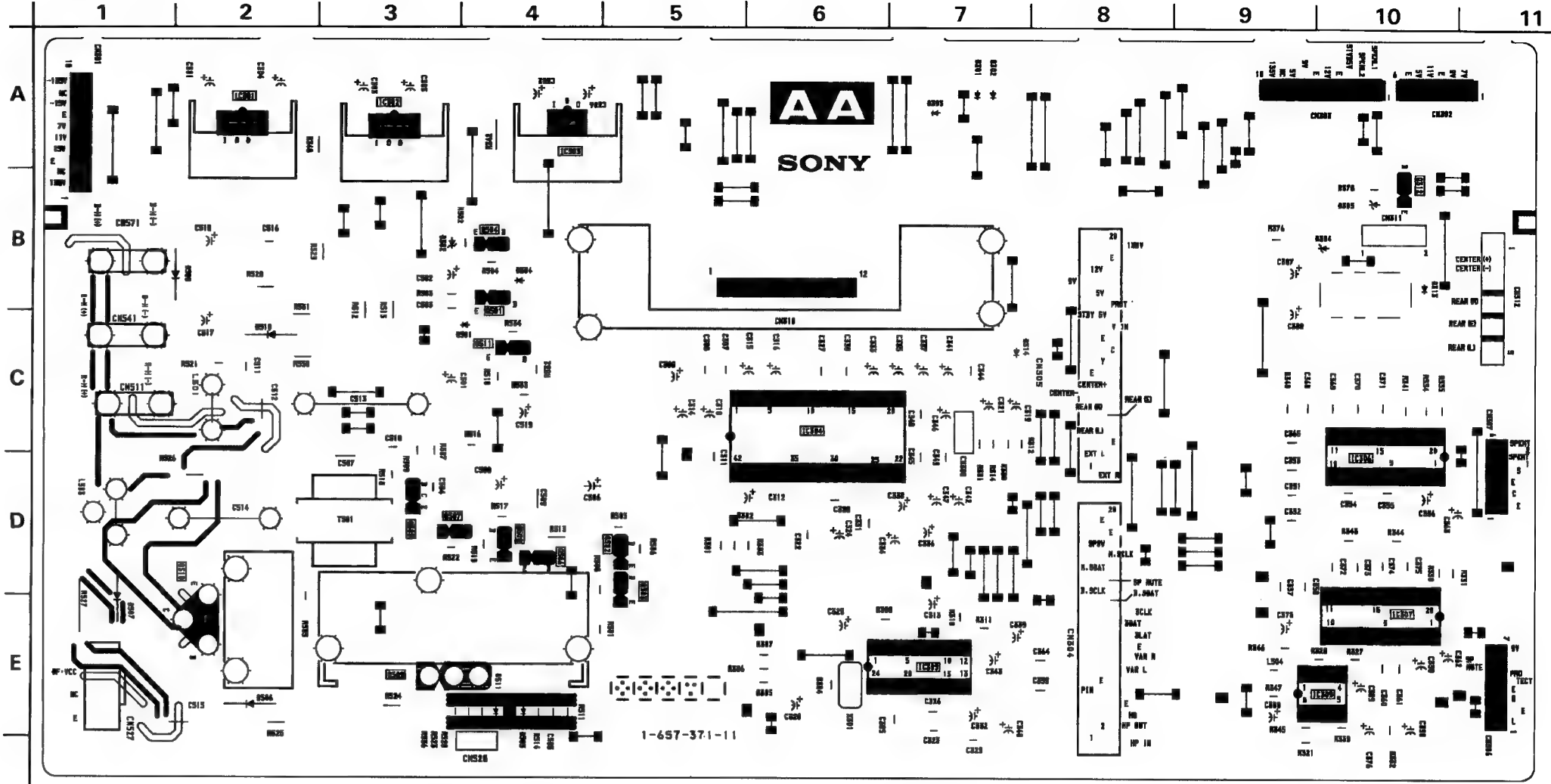
Le symbole indique une fusible a action rapide. Doit etre remplacee par une fusible de meme yaleur, comme maque.

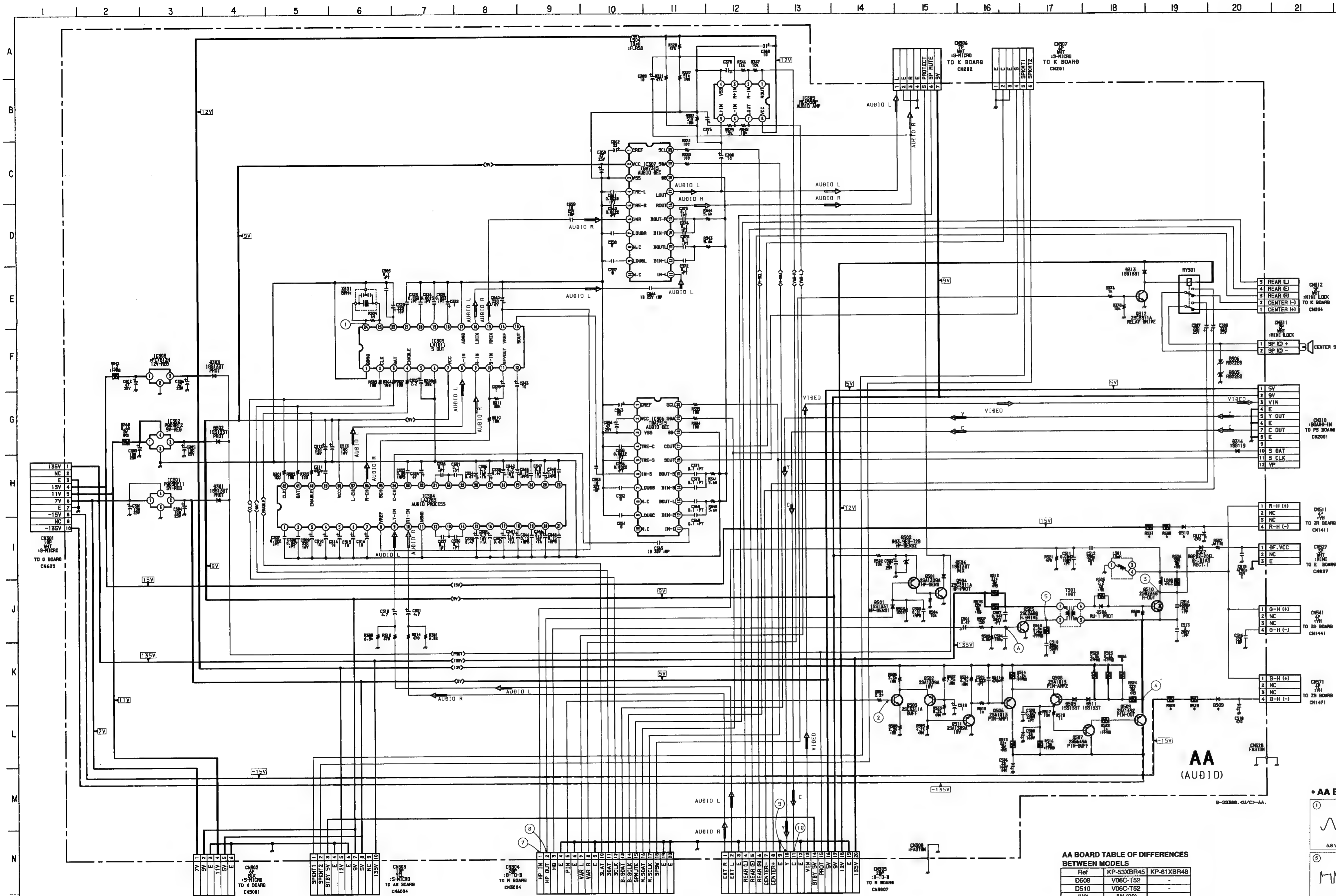
AA [AUDIO]

– AA BOARD –

AA BOARD LOCATION

| IC |
|------------|
| IC301 A-2 |
| IC302 A-3 |
| IC303 A-4 |
| IC304 C-6 |
| IC305 E-7 |
| IC306 C-10 |
| IC307 E-10 |
| IC309 E-10 |
| TRANSISTOR |
| Q312 B-10 |
| Q501 B-4 |
| Q502 D-5 |
| Q503 D-5 |
| Q504 B-4 |
| Q505 D-3 |
| Q506 D-4 |
| Q507 D-3 |
| Q508 D-4 |
| Q509 E-3 |
| Q510 D-2 |
| Q511 C-4 |
| DIODE |
| D301 A-7 |
| D302 A-7 |
| D303 A-7 |
| D304 B-9 |
| D305 B-10 |
| D313 B-10 |
| D314 C-7 |
| D501 C-3 |
| D502 B-3 |
| D504 B-4 |
| D505 E-4 |
| D506 E-2 |
| D507 D-1 |
| D509 B-1 |
| D510 C-2 |
| D511 E-4 |





AA BOARD IC VOLTAGE LIST

| IC | Pin | Volt | Pin | Volt |
|-------|-----|------|-----|------|
| IC301 | 1 | 7.5 | 11 | 4.8 |
| IC301 | 2 | 5.3 | 12 | 4.7 |
| IC301 | 3 | E | 13 | 4.7 |
| IC301 | 4 | 7.5 | 14 | 4.8 |
| IC301 | 5 | 10.5 | 15 | 4.8 |
| IC302 | 1 | 15.2 | 16 | 4.8 |
| IC302 | 2 | E | 17 | E |
| IC302 | 3 | 12.5 | 18 | 4.8 |
| IC303 | 1 | 4.8 | 22 | 5.0 |
| IC303 | 2 | 4.8 | 23 | 2.5 |
| IC303 | 3 | 4.7 | 24 | 2.3 |
| IC304 | 1 | 4.8 | 25 | 5.0 |
| IC304 | 2 | 4.8 | 26 | 2.5 |
| IC304 | 3 | 4.7 | 27 | 2.3 |
| IC304 | 4 | 4.7 | 28 | 4.7 |
| IC304 | 5 | 4.7 | 29 | 4.7 |
| IC304 | 6 | 4.7 | 30 | 4.7 |
| IC304 | 7 | 4.7 | 31 | 4.7 |
| IC304 | 8 | 4.7 | 32 | 4.7 |
| IC304 | 9 | 4.7 | 33 | 4.7 |
| IC304 | 10 | 4.7 | 34 | 4.7 |
| IC304 | 11 | E | 35 | NC |
| IC304 | 12 | 4.7 | 36 | 4.7 |
| IC304 | 13 | 4.8 | 37 | 4.7 |
| IC304 | 14 | 4.7 | 38 | 4.7 |
| IC304 | 15 | 4.7 | 39 | 4.7 |
| IC304 | 16 | 5.5 | 40 | 4.7 |
| IC304 | 17 | 4.7 | 41 | 4.7 |
| IC304 | 18 | 5.5 | 42 | 4.7 |
| IC304 | 19 | 4.7 | 43 | 4.7 |
| IC304 | 20 | 4.7 | 44 | 4.7 |
| IC304 | 21 | 4.7 | 45 | 4.7 |
| IC304 | 22 | 5.0 | 46 | 4.7 |
| IC304 | 23 | 5.1 | 47 | 4.7 |
| IC304 | 24 | 5.1 | 48 | 4.7 |
| IC304 | 25 | 5.5 | 49 | 4.7 |
| IC304 | 26 | 4.7 | 50 | 4.7 |
| IC304 | 27 | 5.6 | 51 | 4.7 |
| IC304 | 28 | 4.7 | 52 | 4.7 |
| IC304 | 29 | 4.7 | 53 | 4.7 |
| IC304 | 30 | 4.7 | 54 | 4.7 |
| IC304 | 31 | 4.7 | 55 | 4.7 |
| IC304 | 32 | 4.7 | 56 | 4.7 |
| IC304 | 33 | 4.7 | 57 | 4.7 |
| IC304 | 34 | 4.7 | 58 | 4.7 |
| IC304 | 35 | 4.7 | 59 | 4.7 |
| IC304 | 36 | 4.7 | 60 | 4.7 |
| IC304 | 37 | 4.7 | 61 | 4.7 |
| IC304 | 38 | 4.7 | 62 | 4.7 |
| IC304 | 39 | 4.7 | 63 | 4.7 |
| IC304 | 40 | 5.1 | 64 | 4.7 |
| IC304 | 41 | 5.1 | 65 | 4.7 |
| IC304 | 42 | 5.1 | 66 | 4.7 |
| IC304 | 43 | 5.1 | 67 | 4.7 |
| IC304 | 44 | 5.1 | 68 | 4.7 |
| IC304 | 45 | 5.1 | 69 | 4.7 |
| IC304 | 46 | 5.1 | 70 | 4.7 |
| IC304 | 47 | 5.1 | 71 | 4.7 |
| IC304 | 48 | 5.1 | 72 | 4.7 |
| IC304 | 49 | 5.1 | 73 | 4.7 |
| IC304 | 50 | 5.1 | 74 | 4.7 |
| IC304 | 51 | 5.1 | 75 | 4.7 |
| IC304 | 52 | 5.1 | 76 | 4.7 |
| IC304 | 53 | 5.1 | 77 | 4.7 |
| IC304 | 54 | 5.1 | 78 | 4.7 |
| IC304 | 55 | 5.1 | 79 | 4.7 |
| IC304 | 56 | 5.1 | 80 | 4.7 |
| IC304 | 57 | 5.1 | 81 | 4.7 |
| IC304 | 58 | 5.1 | 82 | 4.7 |
| IC304 | 59 | 5.1 | 83 | 4.7 |
| IC304 | 60 | 5.1 | 84 | 4.7 |
| IC304 | 61 | 5.1 | 85 | 4.7 |
| IC304 | 62 | 5.1 | 86 | 4.7 |
| IC304 | 63 | 5.1 | 87 | 4.7 |
| IC304 | 64 | 5.1 | 88 | 4.7 |
| IC304 | 65 | 5.1 | 89 | 4.7 |
| IC304 | 66 | 5.1 | 90 | 4.7 |
| IC304 | 67 | 5.1 | 91 | 4.7 |
| IC304 | 68 | 5.1 | 92 | 4.7 |
| IC304 | 69 | 5.1 | 93 | 4.7 |
| IC304 | 70 | 5.1 | 94 | 4.7 |
| IC304 | 71 | 5.1 | 95 | 4.7 |
| IC304 | 72 | 5.1 | 96 | 4.7 |
| IC304 | 73 | 5.1 | 97 | 4.7 |
| IC304 | 74 | 5.1 | 98 | 4.7 |
| IC304 | 75 | 5.1 | 99 | 4.7 |
| IC304 | 76 | 5.1 | 100 | 4.7 |

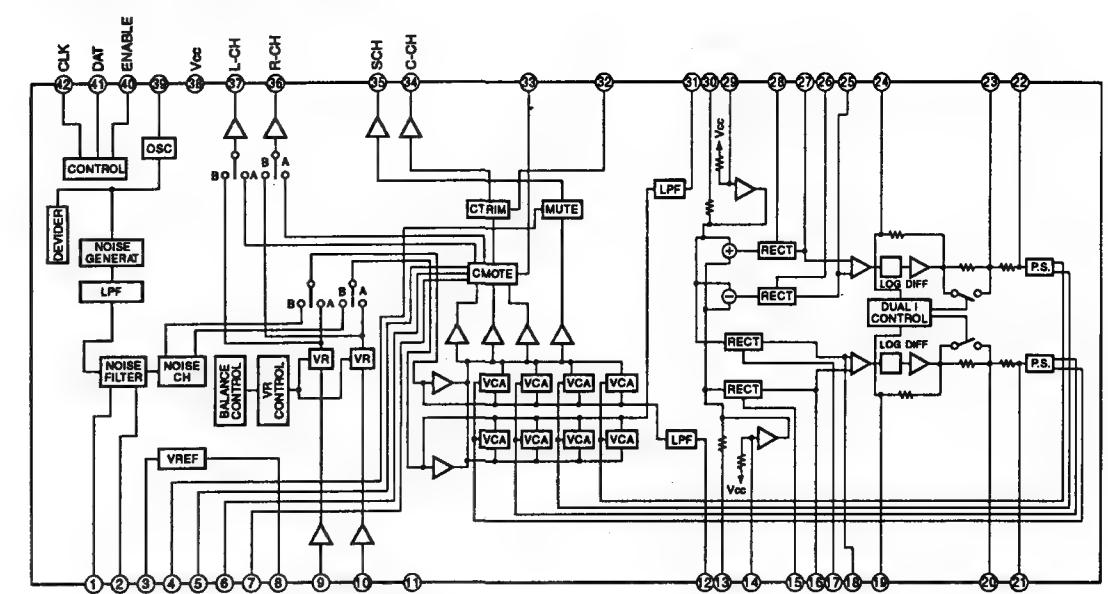
Pin numbers which are not described are not used.

AA BOARD TRANSISTOR VOLTAGE LIST

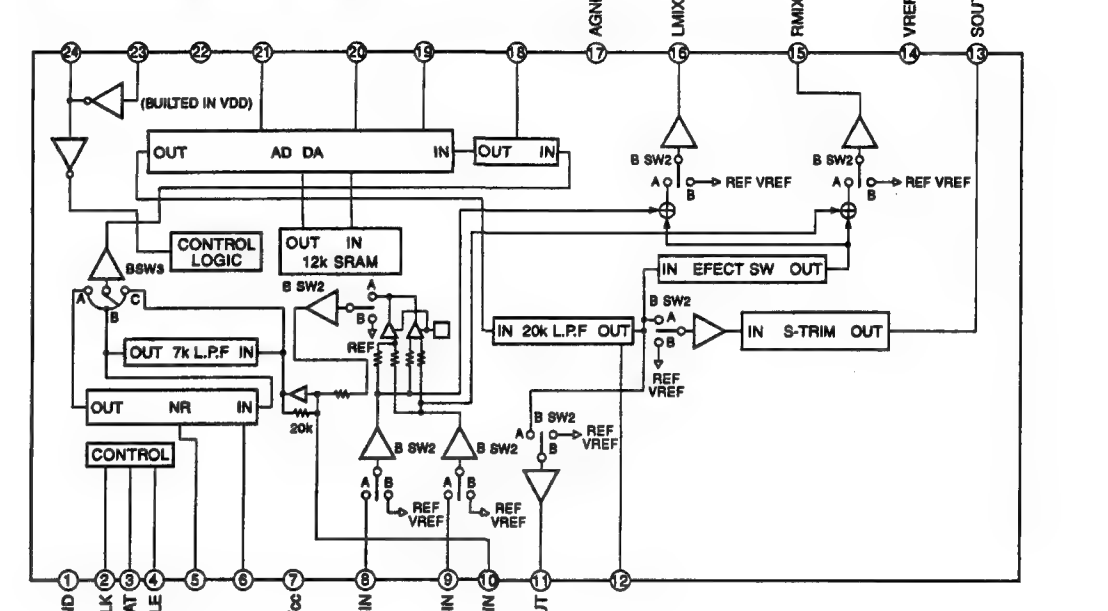
| Q | B | G | E |
|------|--------|--------|--------|
| Q212 | 0.2 | 12.4 | E |
| Q201 | 4.5 | 0 | 5.2 |
| Q202 | 6.8 | 2.0 | 7.2 |
| Q203 | 3.4 | 7.2 | 2.7 |
| Q204 | 0 | 6.8 | E |
| Q205 | -0.6 | 38.2 | E |
| Q206 | 2.7 | -31.4 | 3.2 |
| Q207 | -108.3 | -141.5 | -111.1 |
| Q208 | 2.7 | -108.3 | 3.2 |
| Q209 | -110.0 | -141.5 | 109.8 |
| Q210 | -109.9 | -0.9 | -109.7 |
| Q211 | 2.0 | E | 2.7 |

ALL VOLTAGES ARE IN V

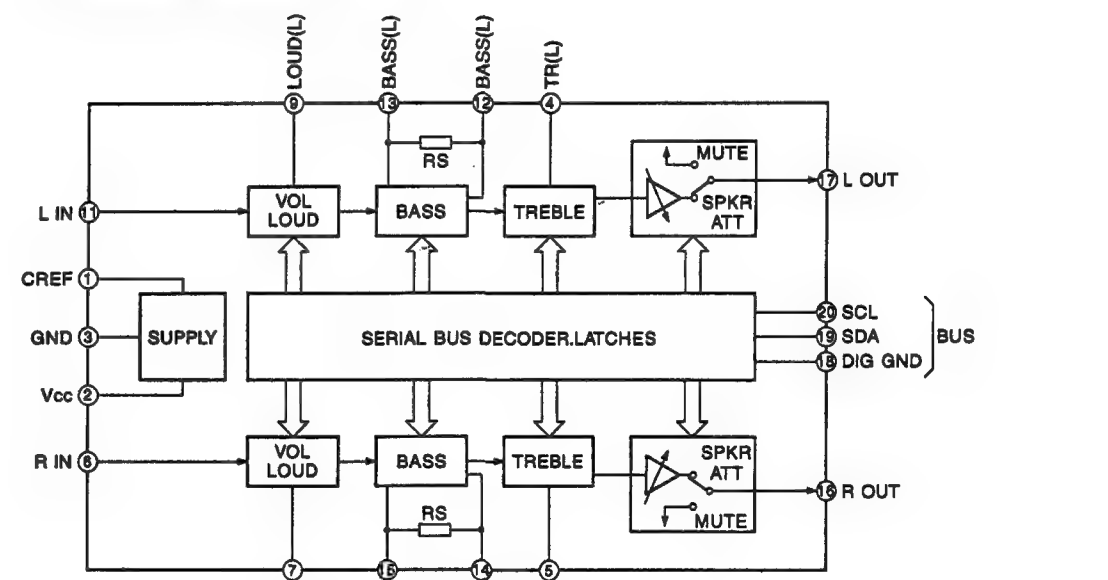
AA BOARD IC304 LA2785



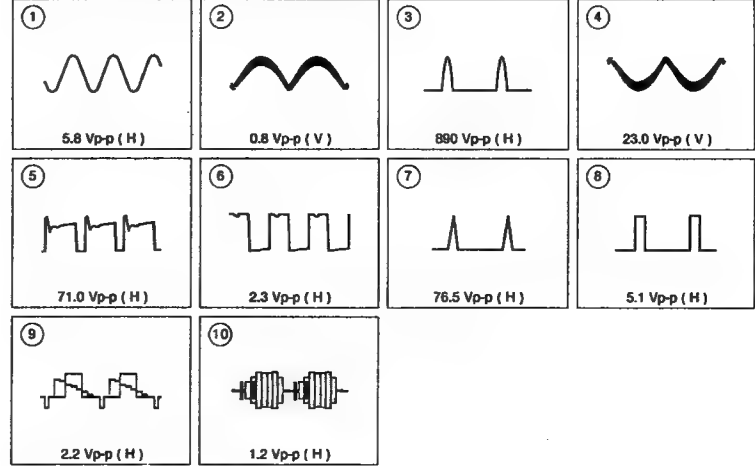
AA BOARD IC305 LV1011



AA BOARD IC306,307 TDA7315



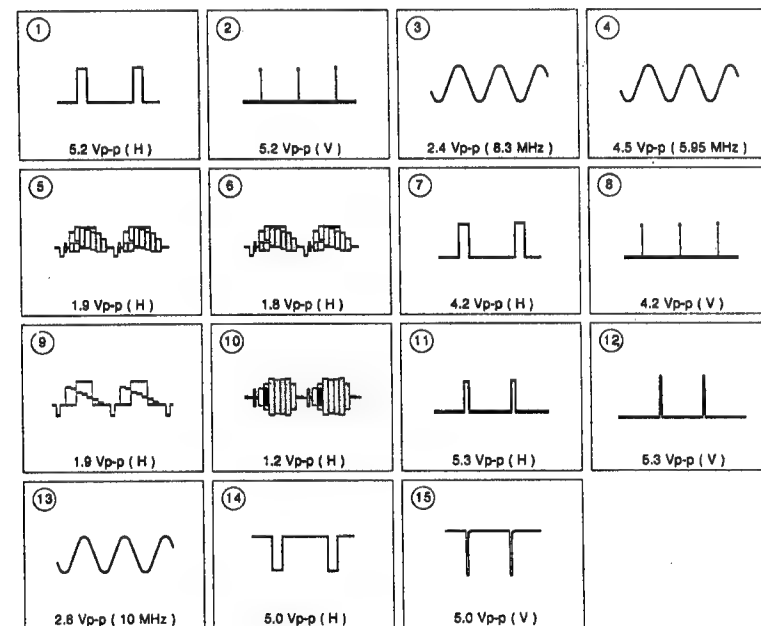
• AA BOARD WAVEFORMS



| | B | C | E |
|-------|------|-------|-----|
| Q7001 | 0 | 5.1 | 5.2 |
| Q7002 | 5.2 | -1.5 | 5.2 |
| Q7003 | 5.2 | -0.2 | 5.2 |
| Q7004 | 5.2 | 0.2 | 5.2 |
| Q7013 | 1.0 | 5.0 | 0.3 |
| Q7017 | 0 | 0 | E |
| Q7022 | 1.5 | 0.8 | 2.1 |
| Q7023 | 1.5 | 0.8 | 2.1 |
| Q7024 | 1.5 | 0.8 | 2.1 |
| Q7026 | 1.2 | E | 5.2 |
| Q7027 | 12.4 | -12.4 | 0.4 |
| Q7027 | 0.4 | 5.2 | 0.2 |
| Q7201 | 0 | 2.8 | E |
| Q7203 | 4.6 | E | 5.2 |
| Q7204 | 5.3 | E | 5.7 |
| Q7205 | 4.9 | 1.1 | 5.6 |
| Q7206 | 3.3 | 1.2 | 6.1 |
| Q7207 | 3.7 | E | 4.5 |
| Q7210 | 0 | 3.8 | E |
| Q7301 | 1.5 | 4.6 | 4.1 |
| Q7402 | 0.2 | 4.2 | E |
| Q7401 | 7.3 | 0 | 7.4 |
| Q7501 | 0.3 | 0.2 | 0 |
| Q7532 | 0.9 | 0.2 | 0.3 |

ALL VOLTAGES ARE IN V

Pin numbers which are not described are not used.

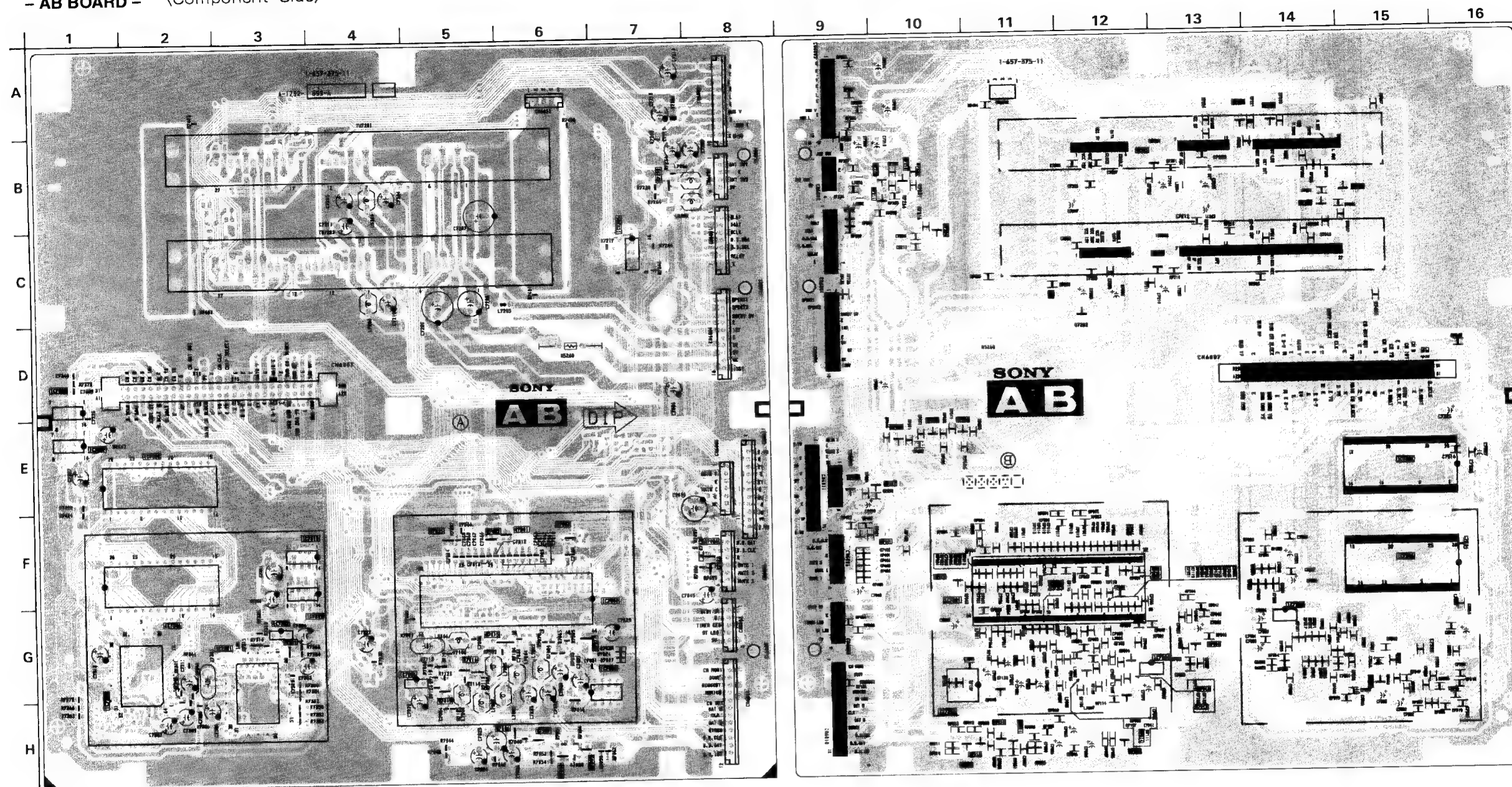


AB

MAIN CONTROLLER,
OSD U-CON, TUNER.

— AB BOARD — (Component Side)

(Conductor Side)



**AB BOARD
LOCATION**

| IC | |
|------------|-----------|
| IC7001 | F 5, F 11 |
| IC7003 | G 7, G 10 |
| IC7004 | G 5, G 12 |
| IC7201 | C 7 |
| IC7301 | G 3 |
| IC7302 | G 3, G 14 |
| IC7303 | G 2 |
| IC7306 | F 2, F 15 |
| IC7307 | E 1 |
| IC7308 | D 1 |
| IC7309 | F 3 |
| IC7310 | F 3 |
| TRANSISTOR | |
| Q7001 | F 6 |
| Q7002 | F 5 |
| Q7003 | F 6 |
| Q7004 | G 13 |
| Q7013 | F 10 |
| Q7017 | H 12 |
| Q7022 | E 10 |
| Q7023 | E 10 |
| Q7024 | E 10 |
| Q7025 | F 5 |
| Q7026 | F 8 |
| Q7027 | G 6 |
| Q7201 | B 13 |
| Q7203 | A 14 |
| Q7204 | C 10 |
| Q7205 | A 13 |
| Q7206 | B 15 |
| Q7207 | B 14 |
| Q7210 | B 10 |
| Q7301 | G 3 |
| Q7303 | G 15 |
| Q7401 | F 9 |
| Q7531 | E 9 |
| Q7532 | E 9 |
| DIODE | |
| D7001 | F 11 |
| D7002 | F 12 |
| D7003 | F 11 |
| D7004 | G 13 |
| D7024 | G 7 |
| D7025 | G 7 |
| D7027 | G 7 |
| D7028 | F 8 |
| D7029 | F 8 |
| D7202 | D 12 |
| D7401 | F 9 |
| D7402 | F 9 |
| D7403 | F 9 |
| D7404 | F 9 |
| D7405 | F 9 |
| D7406 | F 9 |
| D7407 | F 9 |

Note :

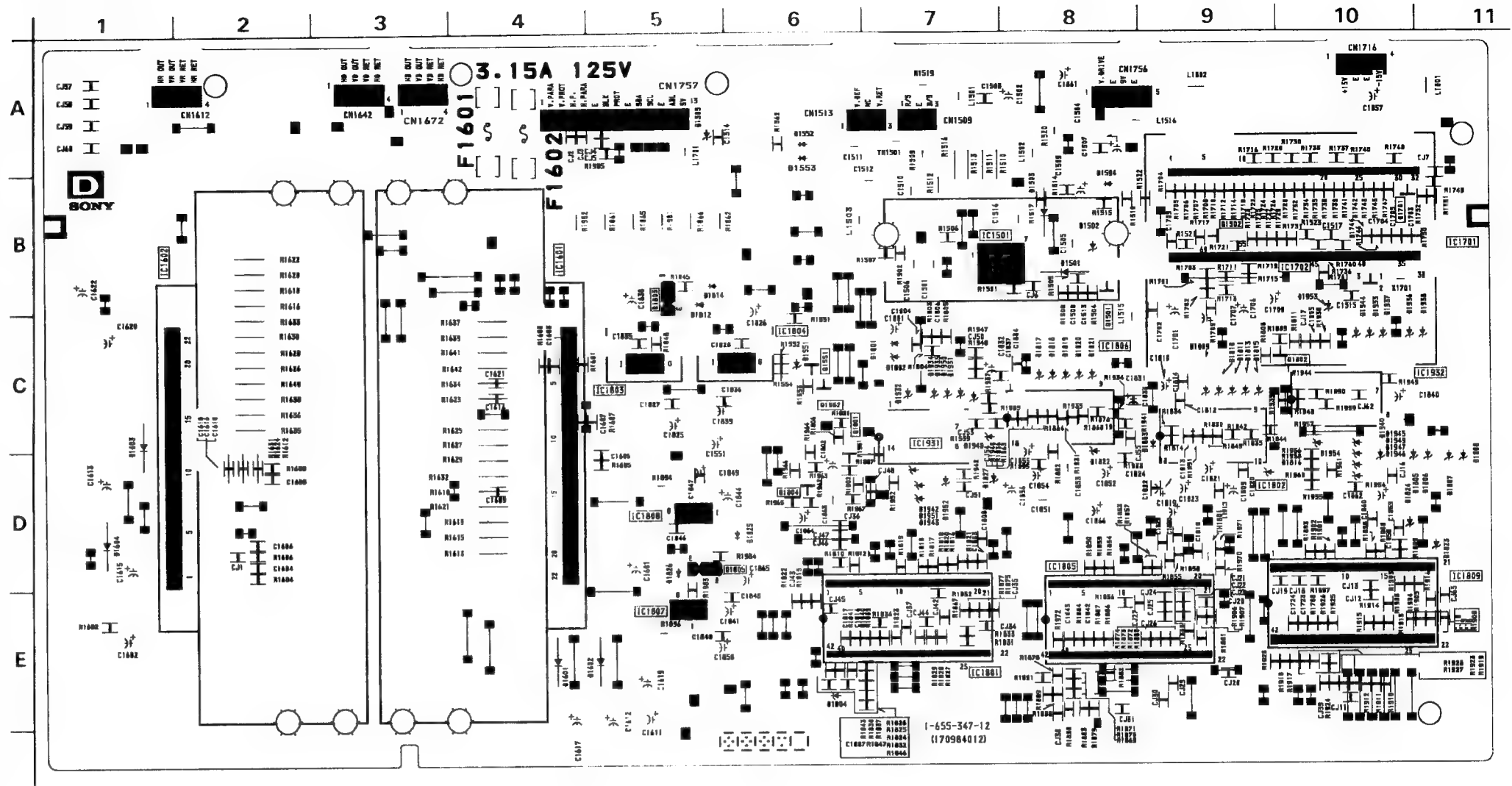
• : Pattern of the rear side.

D RGB CONV, V OUT,
SUB DY DRIVE, H/V WAVE GEN,
REGI CONTROL

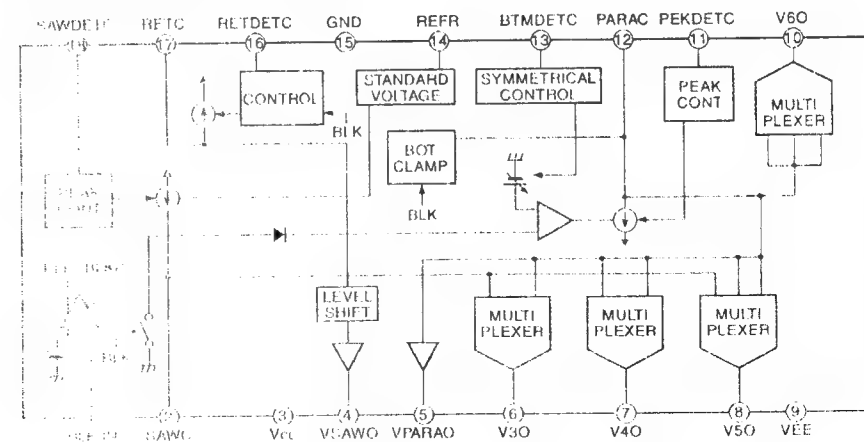
- D BOARD -

D BOARD
LOCATION

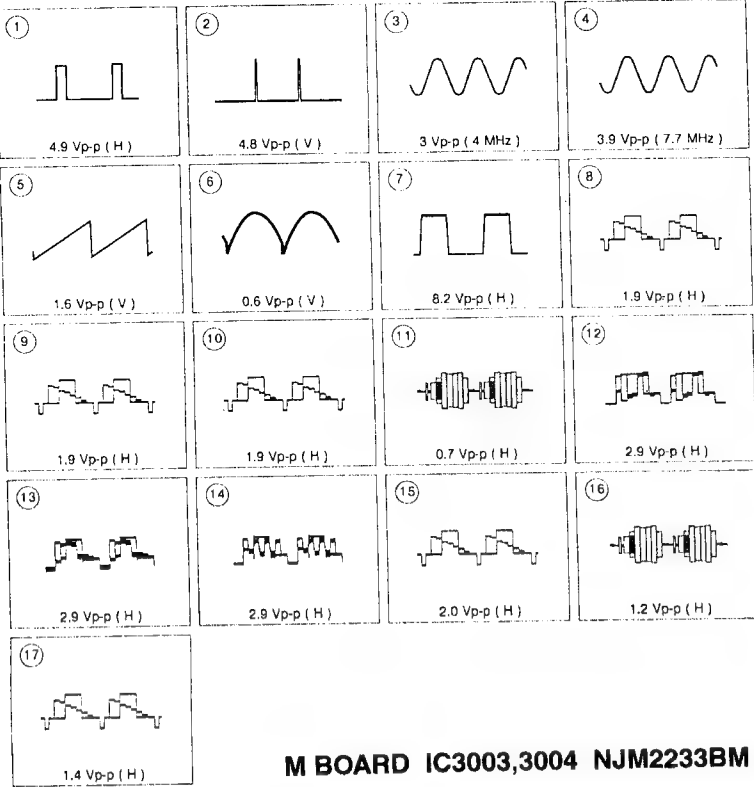
| | |
|------------|------|
| IC1501 | B 7 |
| IC1601 | C 4 |
| IC1602 | C 1 |
| IC1701 | B 10 |
| IC1702 | B 10 |
| IC1801 | E 7 |
| IC1802 | C 9 |
| IC1803 | C 5 |
| IC1804 | C 6 |
| IC1805 | E 8 |
| IC1806 | C 8 |
| IC1807 | E 5 |
| IC1808 | D 5 |
| IC1809 | D 10 |
| IC1931 | C 7 |
| IC1932 | C 10 |
| TRANSISTOR | |
| Q1501 | B 8 |
| Q1502 | B 9 |
| Q1551 | C 6 |
| Q1552 | C 6 |
| Q1701 | B 10 |
| Q1801 | C 6 |
| Q1802 | C 9 |
| Q1803 | B 5 |
| Q1804 | D 6 |
| Q1805 | D 5 |
| DIODE | |
| D1501 | B 8 |
| D1502 | B 8 |
| D1503 | B 8 |
| D1505 | A 5 |
| D1551 | C 6 |
| D1552 | A 6 |
| D1601 | E 4 |
| D1602 | E 5 |
| D1603 | C 1 |
| D1604 | C 1 |
| D1803 | C 9 |
| D1812 | B 5 |
| D1814 | B 5 |
| D1825 | D 6 |
| D1826 | D 5 |
| D1827 | D 7 |
| D1931 | C 7 |
| D1932 | C 7 |
| D1934 | C 7 |
| D1935 | C 7 |
| D1936 | C 10 |
| D1937 | C 10 |
| D1942 | D 7 |
| D1945 | C 10 |
| D1946 | D 10 |
| D1947 | D 10 |
| D1948 | C 7 |
| D1949 | C 10 |
| D1951 | D 7 |
| D1953 | B 10 |
| D1954 | C 10 |



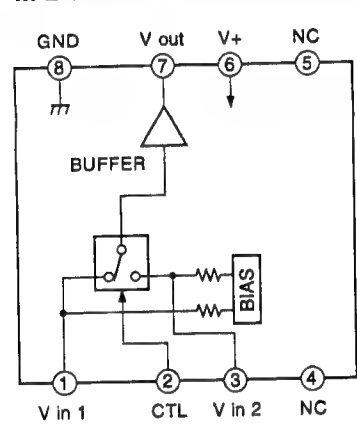
D BOARD IC1802 PA0053B



M BOARD WAVEFORMS



M BOARD IC3003,3004 NJM2233BM



Note:

ALL VOLTAGES ARE IN V

Pin numbers which are not described are not used

IC3000

IC3001

IC3002

IC3003

IC3004

IC3005

IC3006

IC3007

IC3008

IC3009

IC3010

IC3011

IC3012

IC3013

IC3014

IC3015

IC3016

IC3017

IC3018

IC3019

IC3020

IC3021

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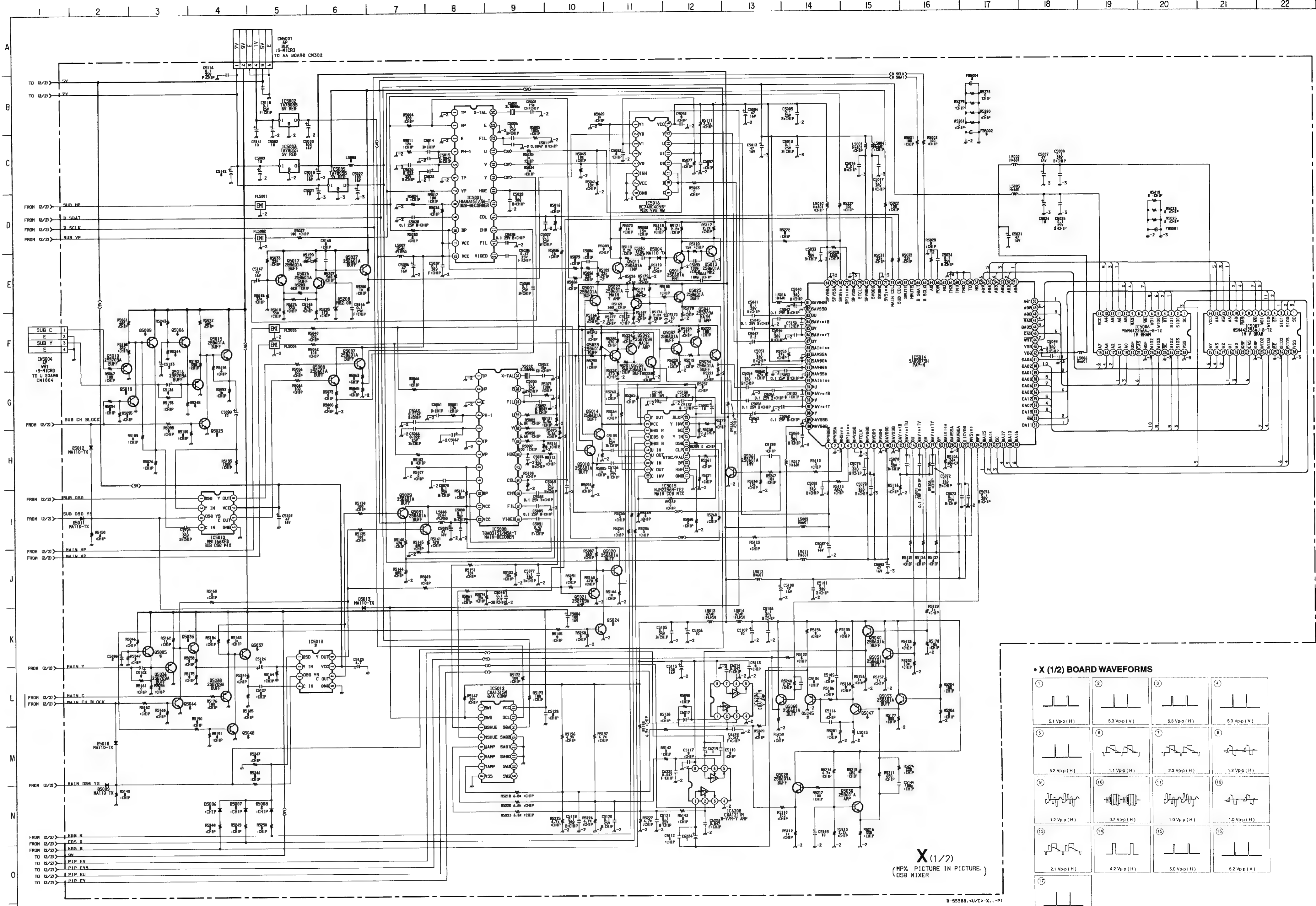
IC3300

IC3301

| X (1/2) BOARD TRANSISTOR VOLTAGE LIST | | | |
|---------------------------------------|-----|-----|-----|
| | B | C | E |
| 05001 | 2.1 | 5.2 | 1.5 |
| 05002 | 1.9 | 5.1 | 0.7 |
| 05008 | 2.1 | 8.1 | 1.5 |
| 05010 | 3.4 | E | 4.1 |
| 05011 | 0.2 | 4.6 | E |
| 05012 | 0.5 | 0.7 | E |
| 05013 | 0.2 | 0.4 | 0.7 |
| 05014 | 0.2 | 0.2 | 0.8 |
| 05015 | 6.0 | 9.2 | 5.3 |
| 05016 | 3.4 | E | 4.1 |
| 05017 | 2.7 | 5.2 | 2.1 |
| 05018 | 1.9 | 5.2 | 1.0 |
| 05020 | 6.6 | 8.1 | 5.9 |
| 05021 | 3.0 | E | 4.6 |
| 05022 | 1.9 | 1.9 | 1.9 |
| 05026 | 3.1 | 5.2 | 2.4 |
| 05028 | 2.2 | 3.2 | 1.6 |
| 05029 | 2.2 | 3.2 | 2.6 |
| 05031 | 3.1 | 5.2 | 2.5 |
| 05039 | 4.9 | 8.1 | 4.3 |
| 05050 | 1.7 | 3.1 | 1.3 |
| 05051 | 4.1 | 8.1 | 4.3 |
| 05052 | 2.4 | 4.4 | 1.8 |
| 05053 | 2.5 | 4.4 | 1.8 |
| 05054 | 2.6 | 4.4 | 1.8 |
| 05056 | 4.2 | E | 4.9 |
| 05058 | 4.3 | E | 4.9 |
| 05059 | 2.8 | 5.2 | 2.2 |
| 05060 | 2.0 | 3.2 | 1.2 |
| 05041 | 4.4 | 3.6 | 5.0 |
| 05042 | 4.4 | 2.8 | 5.0 |
| 05043 | 2.0 | 3.2 | 1.4 |
| 05053 | 1.5 | 0.2 | 0.8 |
| 05060 | 0 | 5.2 | 0 |
| 05066 | 0.2 | 4.3 | 0.2 |

ALL VOLTAGES ARE IN V

| X BOARD LOCATION | |
|------------------|-------|
| IC | |
| C5001 | D-2 |
| C5003 | A-4 |
| C5004 | B-2 |
| C5005 | B-2 |
| C5005-A | A-4 |
| C5008 | D-2 |
| C5010 | E-2 |
| C5011 | D-2 |
| C5012 | A-2 |
| C5013 | B-2 |
| C5015 | D-3 |
| C5018 | D-7 |
| C5019 | D-7 |
| C5020 | D-7 |
| C5022 | C-6 |
| C5023 | C-6 |
| C5024 | C-6 |
| C5025 | C-5 |
| C5026 | C-5 |
| C5028 | A-4 |
| C5029 | B-3 |
| C5030 | B-3 |
| C5031 | B-3 |
| C5032 | B-3 |
| C5033 | B-3 |
| C5034 | B-3 |
| C5035 | B-3 |
| C5036 | B-3 |
| C5037 | G-2 |
| C5038 | G-2 |
| C5039 | G-2 |
| C5040 | H-2 |
| C5041 | H-2 |
| C5042 | H-2 |
| C5043 | H-2 |
| C5044 | H-2 |
| C5045 | H-2 |
| C5046 | J-2 |
| C5047 | J-2 |
| C5048 | J-2 |
| C5049 | D-4 |
| C5051 | D-4 |
| C5052 | D-4 |
| C5053 | D-4 |
| C5054 | B-2 |
| C5055 | B-2 |
| C5056 | B-2 |
| C5057 | B-2 |
| C5058 | B-2 |
| C5059 | B-2 |
| C5060 | B-2 |
| C5061 | B-2 |
| C5062 | B-2 |
| C5063 | B-2 |
| C5064 | B-2 |
| C5065 | B-2 |
| C5066 | B-2 |
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| C5070 | B-2 |
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| C5072 | B-2 |
| C5073 | B-2 |
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| C5078 | B-2 |
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| C5080 | B-2 |
| C5081 | B-2 |
| C5082 | B-2 |
| C5083 | B-2 |
| C5084 | B-2 |
| C5085 | B-2 |
| C5086 | B-2 |
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| C5092 | B-2 |
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| C5096 | B-2 |
| C5097 | B-2 |
| C5098 | B-2 |
| C5099 | B-2 |
| C5100 | B-2 |
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| C5102 | B-2 |
| C5103 | B-2 |
| C5104 | B-2 |
| C5105 | B-2 |
| C5106 | B-2 |
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| C5150 | B-2 |
| C5151 | B-2 |
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| C5165 | B-2 |
| C5166 | B-2 |
| C5167 | B-2 |
| C5168 | B-2 |
| C5169 | B-2 |
| C5170 | B-2 |
| C5171 | B-2</ |



Note :

- : Pattern of the rear side

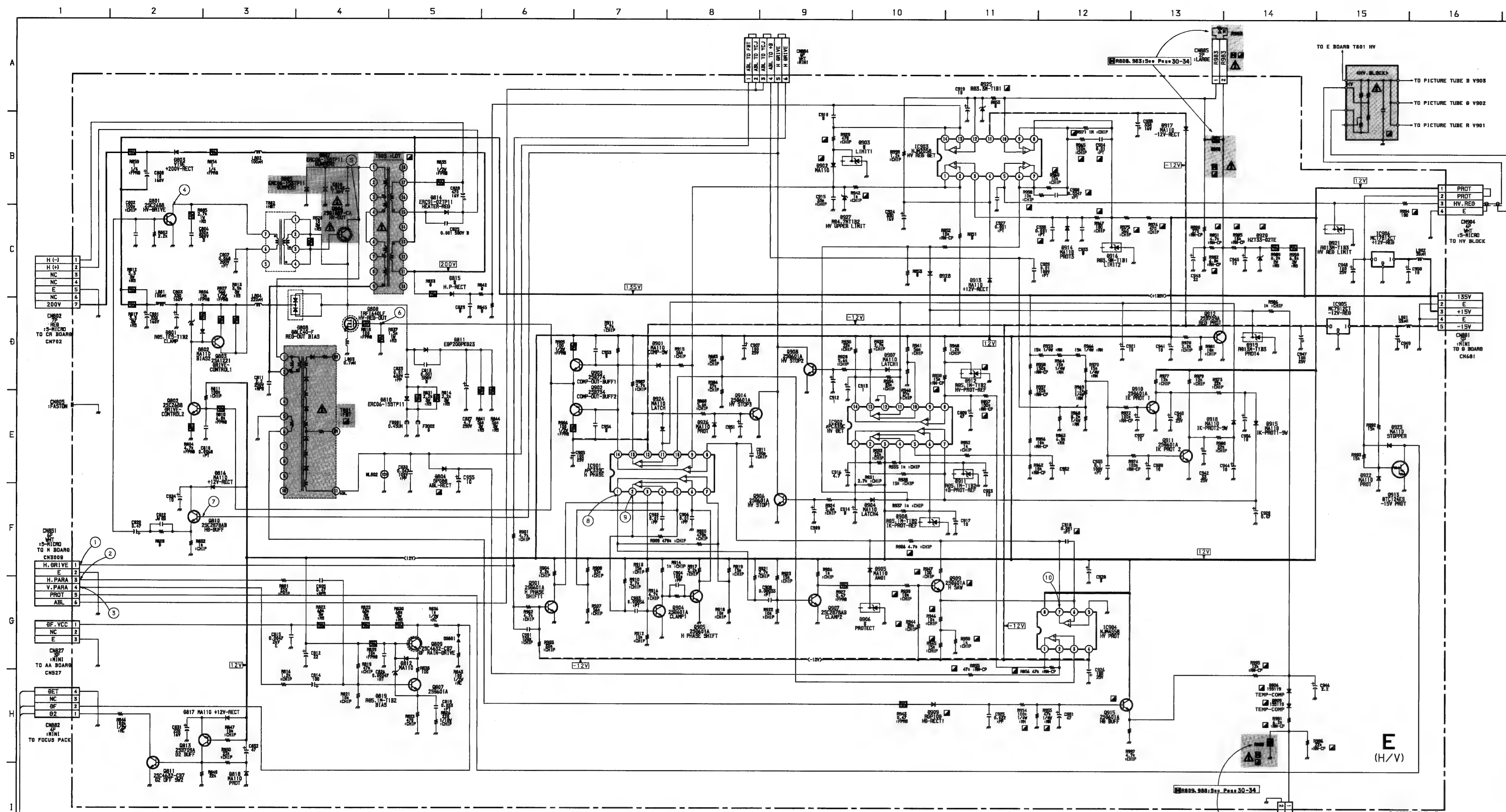
X (2/2) BOARD TRANSISTOR VOLTAGE LIST

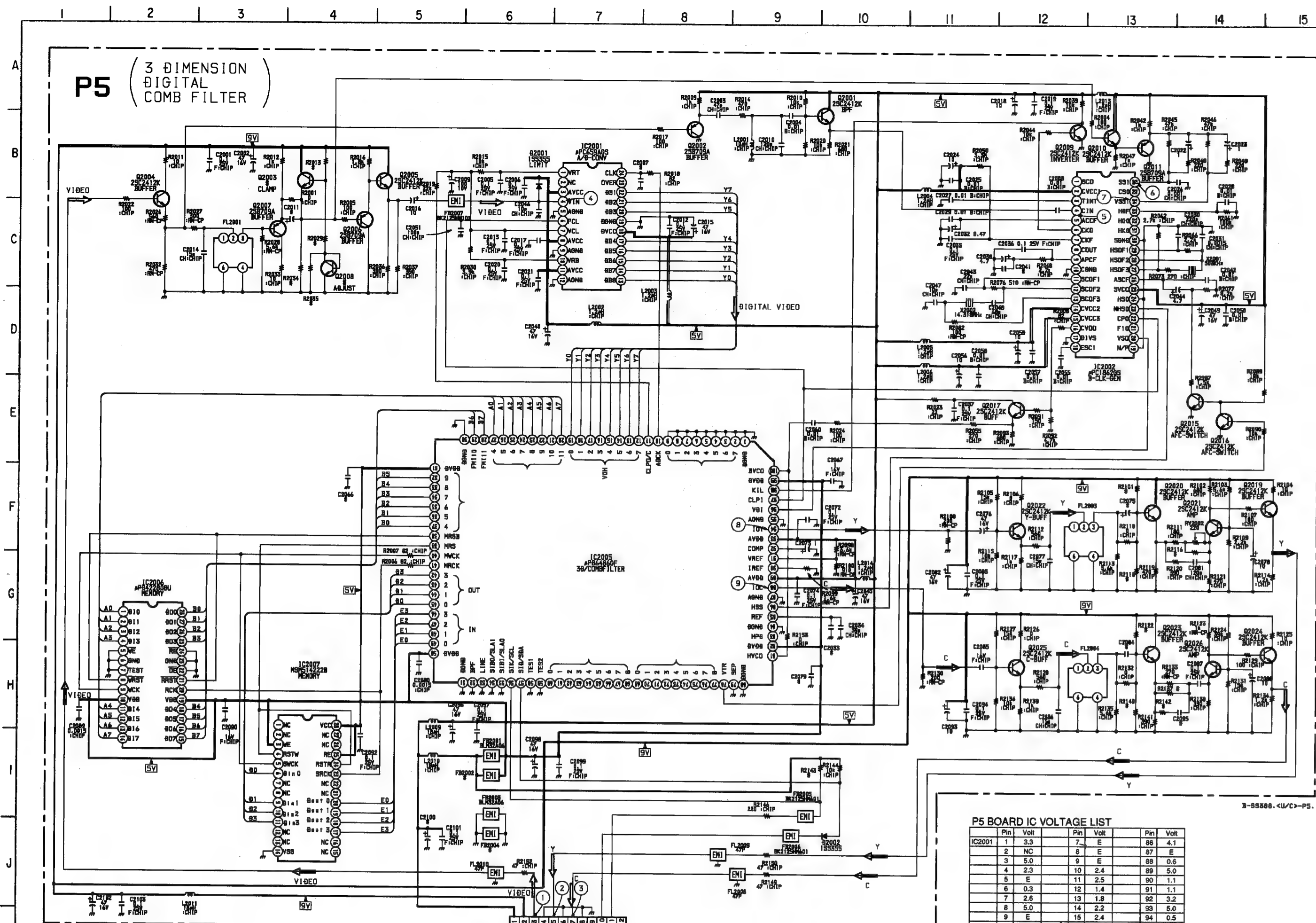
| | B | C | E |
|---------|------|-----|-----|
| Q6201 | 0 | 9.2 | 0 |
| Q6202 | 0.92 | 0 | 0 |
| Q6203 | 0 | 2.6 | E |
| Q6204 | 2.1 | 5.2 | 1.4 |
| Q6205 | 2.5 | 5.2 | 2.1 |
| Q6206 | 2.1 | 5.2 | 1.4 |
| Q6207 | 0 | 9.2 | 0 |
| Q6208 | 2.7 | 9.2 | 2.1 |
| Q6209 | 2.1 | 9.2 | 1.5 |
| Q6210 | 2.7 | 9.2 | 2.1 |
| Q6211 | 1.8 | 9.2 | 1.1 |
| Q6212 | 2.7 | 9.2 | 2.1 |
| Q6213 | 2.1 | 6.8 | 1.5 |
| Q6214 | 6.8 | 2.7 | 2.0 |
| Q6215 | 2.7 | 9.2 | 2.0 |
| Q6216 | 1.9 | 5.2 | 1.5 |
| Q6217 | 2.1 | 9.2 | 1.4 |
| Q6218 | 0.4 | 9.2 | 2.1 |
| Q6219 | 2.3 | 5.2 | 1.6 |
| Q6220 | 2.1 | 9.2 | 1.5 |
| Q6221 | 0.4 | 9.2 | 2.1 |
| Q6222 | 2.3 | 5.2 | 1.6 |
| Q6223 | 2.3 | 5.2 | 1.6 |
| Q6224 | 2.3 | 5.2 | 1.6 |
| Q6225 | 5.6 | 4.3 | 6.3 |
| Q6226 | 2.1 | 9.2 | 1.5 |
| Q6227 | 0.4 | 9.2 | 2.0 |
| Q6228 | 2.1 | 9.2 | 1.5 |
| Q6229 | 0.4 | 9.2 | 2.1 |
| Q6230 | 0.7 | 0.4 | E |
| Q6231 | 0.2 | 0.7 | E |
| Q6232 | 2.1 | 5.2 | 1.5 |
| Q6233 | 0.4 | 5.2 | 2.1 |
| Q6234 | 0.4 | 5.2 | 2.1 |
| Q6235 | 2.0 | 5.2 | 1.4 |
| Q6236 | 2.1 | 5.2 | 1.4 |
| Q6237 | 0.4 | 5.2 | 2.1 |
| Q6238 | 0.4 | 5.2 | 2.0 |
| Q6239 | 2.0 | 5.2 | 1.4 |
| Q6240 | 2.0 | 5.2 | 1.4 |
| Q6241 | 0.4 | 5.2 | 2.1 |
| Q6242 | 0.4 | 5.2 | 2.0 |
| Q6243 | 2.0 | 5.2 | 1.4 |
| Q6244 | 0.4 | 5.2 | 2.1 |
| Q6245 | 1.8 | 9.2 | 1.1 |
| Q6246 | 1.9 | 7.3 | 1.2 |
| Q6247 | 2.0 | 5.2 | 1.4 |
| Q6248 | 2.0 | 5.2 | 1.4 |
| Q6249 | 0.2 | 4.8 | E |
| Q6250 | 0.6 | 0.6 | 0.6 |
| Q6251 | 0.2 | 4.3 | E |
| Q6252 | 2.1 | 5.2 | 1.4 |
| Q6253 | 0.4 | 5.2 | 2.1 |
| Q6254 | 0.4 | 5.2 | 2.1 |
| Q6255 | 2.1 | 5.2 | 1.4 |
| Q6256 | 0.4 | 5.2 | 2.1 |
| Q6257 | 2.1 | 5.2 | 1.4 |
| Q6258 | 0.4 | 5.2 | 2.1 |
| Q6259 | 0.2 | 5.2 | E |
| Q6260 | 4.6 | 7.2 | 4.0 |
| Q6261 | 4.6 | 7.2 | 4.0 |
| Q6262 | 4.6 | 2.1 | 5.9 |
| Q6263 | 2.1 | 5.2 | 1.5 |
| Q6264 | 2.1 | 5.2 | 1.5 |
| Q6265 | 2.1 | 5.2 | 1.5 |
| Q6266 | 2.1 | 5.2 | 1.5 |
| Q6267 | 0.8 | 0.2 | 0.6 |
| Q6268 | 0.4 | E | 0 |
| Q6269 | 0.4 | E | 0 |
| Q6270 | 0.4 | E | 0 |
| Q6271 | 0.4 | E | 0 |
| Q6272 | 0.4 | E | 0 |
| Q6273 | 0.4 | E | 0 |
| Q6274 | 0.4 | E | 0 |
| Q6275 | 0.4 | E | 0 |
| Q6276 | 0.4 | E | 0 |
| Q6277 | 0.4 | E | 0 |
| Q6278 | 0.4 | E | 0 |
| Q6279 | 0.4 | E | 0 |
| Q6280 | 0.4 | E | 0 |
| Q6281 | 0.4 | E | 0 |
| Q6282 | 0.4 | E | 0 |
| Q6283 | 0.4 | E | 0 |
| Q6284 | 0.4 | E | 0 |
| Q6285 | 0.4 | E | 0 |
| Q6286 | 0.4 | E | 0 |
| Q6287 | 0.4 | E | 0 |
| Q6288 | 0.4 | E | 0 |
| Q6289 | 0.4 | E | 0 |
| Q6290 | 0.4 | E | 0 |
| Q6291 | 0.4 | E | 0 |
| Q6292 | 0.4 | E | 0 |
| Q6293 | 0.4 | E | 0 |
| Q6294 | 0.4 | E | 0 |
| Q6295 | 0.4 | E | 0 |
| Q6296 | 0.4 | E | 0 |
| Q6297 | 0.4 | E | 0 |
| Q6298 | 0.4 | E | 0 |
| Q6299 | 0.4 | E | 0 |
| Q6300 | 0.4 | E | 0 |
| Q6301 | 0.4 | E | 0 |
| Q6302 | 0.4 | E | 0 |
| Q6303 | 0.4 | E | 0 |
| Q6304 | 0.4 | E | 0 |
| Q6305 | 0.4 | E | 0 |
| Q6306 | 0.4 | E | 0 |
| Q6307 | 0.4 | E | 0 |
| Q6308 | 0.4 | E | 0 |
| Q6309 | 0.4 | E | 0 |
| Q6310 | 0.4 | E | 0 |
| Q6311 | 0.4 | E | 0 |
| Q6312 | 0.4 | E | 0 |
| Q6313 | 0.4 | E | 0 |
| Q6314 | 0.4 | E | 0 |
| Q6315 | 0.4 | E | 0 |
| Q6316 | 0.4 | E | 0 |
| Q6317 | 0.4 | E | 0 |
| Q6318 | 0.4 | E | 0 |
| Q6319 | 0.4 | E | 0 |
| Q6320 | 0.4 | E | 0 |
| Q6321 | 0.4 | E | 0 |
| Q6322 | 0.4 | E | 0 |
| Q6323 | 0.4 | E | 0 |
| Q6324 | 0.4 | E | 0 |
| Q6325 | 0.4 | E | 0 |
| Q6326 | 0.4 | E | 0 |
| Q6327 | 0.4 | E | 0 |
| Q6328 | 0.4 | E | 0 |
| Q6329 | 0.4 | E | 0 |
| Q6330 | 0.4 | E | 0 |
| Q6331 | 0.4 | E | 0 |
| Q6332 | 0.4 | E | 0 |
| Q6333 | 0.4 | E | 0 |
| Q6334 | 0.4 | E | 0 |
| Q6335 | 0.4 | E | 0 |
| Q6336 | 0.4 | E | 0 |
| Q6337 | 0.4 | E | 0 |
| Q6338 | 0.4 | E | 0 |
| Q6339 | 0.4 | E | 0 |
| Q6340 | 0.4 | E | 0 |
| Q6341 | 0.4 | E | 0 |
| Q6342 | 0.4 | E | 0 |
| Q6343 | 0.4 | E | 0 |
| Q6344 | 0.4 | E | 0 |
| Q6345 | 0.4 | E | 0 |
| Q6346 | 0.4 | E | 0 |
| Q6347 | 0.4 | E | 0 |
| Q6348 | 0.4 | E | 0 |
| Q6349 | 0.4 | E | 0 |
| Q6350 | 0.4 | E | 0 |
| Q6351 | 0.4 | E | 0 |
| Q6352 | 0.4 | E | 0 |
| Q6353 | 0.4 | E | 0 |
| Q6354 | 0.4 | E | 0 |
| Q6355 | 0.4 | E | 0 |
| Q6356 | 0.4 | E | 0 |
| Q6357 | 0.4 | E | 0 |
| Q6358 | 0.4 | E | 0 |
| Q6359 | 0.4 | E | 0 |
| Q6360 | 0.4 | E | 0 |
| Q6361 | 0.4 | E | 0 |
| Q6362 | 0.4 | E | 0 |
| Q6363 | 0.4 | E | 0 |
| Q6364 | 0.4 | E | 0 |
| Q6365 | 0.4 | E | 0 |
| Q6366 | 0.4 | E | 0 |
| Q6367 | 0.4 | E | 0 |
| Q6368 | 0.4 | E | 0 |
| Q6369 | 0.4 | E | 0 |
| Q6370 | 0.4 | E | 0 |
| Q6371 | 0.4 | E | 0 |
| Q6372 | 0.4 | E | 0 |
| Q6373 | 0.4 | E | 0 |
| Q6374 | 0.4 | E | 0 |
| Q6375 | 0.4 | E | 0 |
| Q6376 | 0.4 | E | 0 |
| Q6377 | 0.4 | E | 0 |
| Q6378 | 0.4 | E | 0 |
| Q6379 | 0.4 | E | 0 |
| Q6380 | 0.4 | E | 0 |
| Q6381 | 0.4 | E | 0 |
| Q6382 | 0.4 | E | 0 |
| Q6383 | 0.4 | E | 0 |
| Q6384 | 0.4 | E | 0 |
| Q6385 | 0.4 | E | 0 |
| Q6386 | 0.4 | E | 0 |
| Q6387 | 0.4 | E | 0 |
| Q6388 | 0.4 | E | 0 |
| Q6389 | 0.4 | E | 0 |
| Q6390 | 0.4 | E | 0 |
| Q6391 | 0.4 | E | 0 |
| Q6392 | 0.4 | E | 0 |
| Q6393 | 0.4 | E | 0 |
| Q6394 | 0.4 | E | 0 |
| Q6395 | 0.4 | E | 0 |
| Q6396 | 0.4 | E | 0 |
| Q6397 | 0.4 | E | 0 |
| Q6398 | 0.4 | E | 0 |
| Q6399 | 0.4 | E | 0 |
| Q6400 | 0.4 | E | 0 |
| Q6401 | 0.4 | E | 0 |
| Q6402 | 0.4 | E | 0 |
| Q6403 | 0.4 | E | 0 |
| Q6404 | 0.4 | E | 0 |
| Q6405 | 0.4 | E | 0 |
| Q6406 | 0.4 | E | 0 |
| Q6407 | 0.4 | E | 0 |
| Q6408 | 0.4 | E | 0 |
| Q6409 | 0.4 | E | 0 |
| Q6410 | 0.4 | E | 0 |
| Q6411 | 0.4 | E | 0 |
| Q6412 | 0.4 | E | 0 |
| Q6413 | 0.4 | E | 0 |
| Q6414 | 0.4 | E | 0 |
| Q6415 | 0.4 | E | 0 |
| Q6416 | 0.4 | E | 0 |
| Q6417 | 0.4 | E | 0 |
| Q6418 | 0.4 | E | 0 |
| Q6419 | 0.4 | E | 0 |
| Q6420 | 0.4 | E | 0 |
| Q6421 | 0.4 | E | 0 |
| Q6422 | 0.4 | E | 0 |
| Q6423 | 0.4 | E | 0 |
| Q6424 | 0.4 | E | 0 |
| Q6425 | 0.4 | E | 0 |
| Q6426 | 0.4 | E | 0 |
| Q6427 | 0.4 | E | 0 |
| Q6428 | 0.4 | E | 0 |
| Q6429 | 0.4 | E | 0 |
| Q6430 | 0.4 | E | 0 |
| Q6431 | 0.4 | E | 0 |
| Q6432 | 0.4 | E | 0 |
| Q6433 | 0.4 | E | 0 |
| Q6434 | 0.4 | E | 0 |
| Q6435 | 0.4 | E | 0 |
| Q6436 | 0.4 | E | 0 |
| Q6437 | 0.4 | E | 0 |
| Q6438 | 0.4 | E | 0 |
| Q6439 | 0.4 | E | 0 |
| Q6440 | 0.4 | E | 0 |
| Q6441 | 0.4 | E | 0 |
| Q6442 | 0.4 | E | 0 |
| Q6443 | 0.4 | E | 0 |
| Q6444 | 0.4 | E | 0 |
| Q6445 | 0.4 | E | 0 |
| Q6446 | 0.4 | E | 0 |
| Q6447 | 0.4 | E | 0 |
| Q6448 | 0.4 | E | 0 |
| Q6449 | 0.4 | E | 0 |
| Q6450 | 0.4 | E | 0 |
| Q6451 | 0.4 | E | 0 |
| Q6452 | 0.4 | E | 0 |
| Q6453 | 0.4 | E | 0 |
| Q6454 | 0.4 | E | 0 |
| Q6455 | 0.4 | E | 0 |
| Q6456 | 0.4 | E | 0 |
| Q6457 | 0.4 | E | 0 |
| Q6458 | 0.4 | E | 0 |
| Q6459 | 0.4 | E | 0 |
| Q6460 | 0.4 | E | 0 |
| Q6461 | 0.4 | E | 0 |
| Q6462 | 0.4 | E | 0 |
| Q6463 | 0.4 | E | 0 |
| Q6464 | 0.4 | E | 0 |
| Q6465 | 0.4 | E | 0 |
| Q6466 | 0.4 | E | 0 |
| Q6467 | 0.4 | E | 0 |
| Q6468 | 0.4 | E | 0 |
| Q6469 | 0.4 | E | 0 |
| Q6470 | 0.4 | E | 0 |
| Q6471 | 0.4 | E | 0 |
| Q6472 | 0.4 | E | 0 |
| Q6473 | 0.4 | E | 0 |
| Q6474 | 0.4 | E | 0 |
| Q6475 | 0.4 | E | 0 |
| Q6476 | 0.4 | E | 0 |
| Q6477 | 0.4 | E | 0 |
| Q6478 | 0.4 | E | 0 |
| Q6479 | 0.4 | E | 0 |
| Q6480 | 0.4 | E | 0 |
| Q6481 | 0.4 | E | 0 |
| Q6482 | 0.4 | E | 0 |
| Q6483 | 0.4 | E | 0 |
| Q6484 | 0.4 | E | 0 |
| Q6485 | 0.4 | E | 0 |
| Q6486 | 0.4 | E | 0 |
| Q6487 | 0.4 | E | 0 |
| Q6488 | 0.4 | E | 0 |
| Q6489 | 0.4 | E | 0 |
| Q6490 | 0.4 | E | 0 |
| Q6491 | 0.4 | E | 0 |
| Q6492 | 0.4 | E | 0 |
| Q6493 | 0.4 | E | 0 |
| Q6494 | 0.4 | E | 0 |
| Q6495 | 0.4 | E | 0 |
| Q6496 | 0.4 | E | 0 |
| Q6497 | 0.4 | E | 0 |
| Q6498 | 0.4 | E | 0 |
| Q6499 | 0.4 | E | 0 |
| Q6500 | 0.4 | E | 0 |
| Q6501 | 0.4 | E | 0 |
| Q6502 | 0.4 | E | 0 |
| Q6503 | 0.4 | E | 0 |
| Q6504 | 0.4 | E | 0 |
| Q6505 | 0.4 | E | 0 |
| Q6506 | 0.4 | E | 0 |
| Q6507 | 0.4 | E | 0 |
| Q6508 | 0.4 | E | 0 |
| Q6509 | 0.4 | E | 0 |
| Q6510 | 0.4 | E | 0 |
| Q6511 | 0.4 | E | 0 |
| Q6512 | 0.4 | E | 0 |
| Q6513 | 0.4 | E | 0 |
| Q6514 | 0.4 | E | 0 |
| Q6515 | 0.4 | E | 0 |
| Q6516 | 0.4 | E | 0 |
| Q6517 | 0.4 | E | 0 |
| Q6518 | 0.4 | E | 0 |
| Q6519 | 0.4 | E | 0 |
| Q6520 | 0.4 | E | 0 |
| Q6521 | 0.4 | E | 0 |
| Q6522 | 0.4 | E | 0 |
| Q6523 | 0.4 | E | 0 |
| Q6524 | 0.4 | E | 0 |
| Q6525 | 0.4 | E | 0 |
| Q6526 | 0.4 | E | 0 |
| Q6527 | 0.4 | E | 0 |
| Q6528 | 0.4 | E | 0 |
| Q6529 | 0.4 | E | 0 |
| Q6530 | 0.4 | E | 0 |
| Q6531 | 0.4 | E | 0 |
| Q6532 | 0.4 | E | 0 |
| Q6533 | 0.4 | E | 0 |
| Q6534 | 0.4 | E | 0 |
| Q6535 | 0.4 | E | 0 |
| Q6536 | 0.4 | E | 0 |
| Q6537 | 0.4 | E | 0 |
| Q6538 | 0.4 | E | 0 |
| Q6539 | 0.4 | E | 0 |
| Q6540 | 0.4 | E | 0 |
| Q6541 | 0.4 | E | 0 |
| Q6542 | 0.4 | E | 0 |
| Q6543 | 0.4 | E | 0 |
| Q6544 | 0.4 | E | 0 |
| Q6545 | 0.4 | E | 0 |
| Q6546 | 0.4 | E | 0 |
| Q6547 | 0.4 | E | 0 |
| Q6548 | 0.4 | E | 0 |
| Q6549 | 0.4 | E | 0 |
| Q6550 | 0.4 | E | 0 |
| Q6551 | 0.4 | E | 0 |
| Q6552 | 0.4 | E | 0 |
| Q6553 | 0.4 | E | 0 |
| Q6554 | 0.4 | E | 0 |
| Q6555 | 0.4 | E | 0 |
| Q6556 | 0.4 | E | 0 |
| Q6557 | 0.4 | E | 0 |
| Q6558 | 0.4 | E | 0 |
| Q6559 | 0.4 | E | 0 |
| Q6560 | 0.4 | E | 0 |
| Q6561 | 0.4 | E | 0 |
| Q6562 | 0.4 | E | 0 |
| Q6563 | 0.4 | E | 0 |
| Q6564 | 0.4 | E | 0 |
| Q6565 | 0.4 | E | 0 |
| Q6566</ | | | |

ALL VOLTAGES ARE IN V

X (2/2) BOARD IC VOLTAGE LIST

| | Pin | Volt | Pin | Volt | Pin | Volt |
|--------|-----|------|-----|------|-----|------|
| IC5004 | 1 | E | 9 | 0.2 | 15 | 1.4 |
| | 2 | E | 10 | 0.2 | 16 | 5.2 |
| | 3 | E | 11 | 0.2 | 17 | 0.4 |
| | 4 | E | 12 | 0.2 | 18 | 2.14 |
| | 5 | 5.1 | 13 | E | 3 | 1.4 |
| IC5011 | 6 | 5.1 | 14 | 0 | 4 | 0 |
| | 7 | E | 15 | 5.1 | 5 | 1.4 |
| | 8 | 5.2 | 16 | 8.2 | 6 | 8.2 |
| | 9 | E | 17 | 0 | 7 | 0 |
| | 10 | E | 18 | 0 | 8 | E |
| IC5023 | 3 | 1.4 | 3 | 0 | 9 | 0 |
| | 4 | 1.4 | 4 | 0 | 10 | 0 |
| | 5 | 1.4 | 5 | 0 | 11 | 0 |
| | 6 | E | 6 | 0 | 12 | 1.4 |
| | 7 | E | 7 | E | 13 | 1.4 |
| IC5029 | 8 | E | 8 | 0 | 14 | 0 |
| | 9 | 5.2 | 9 | 0 | 15 | 1.4 |
| | 10 | 5.2 | 10 | 0 | 16 | 5.2 |
| | 11 | 5.2 | 11 | 0 | 17 | 0 |
| | 12 | 1.4 | 12 | 0 | 2 | 5.1 |
| IC5024 | 13 | 1.4 | 13 | 0.2 | 3 | 0 |
| | 14 | 1.4 | 14 | 5.2 | 5 | 0 |
| | 15 | 5.2 | 15 | 0 | 6 | 8 |
| | 16 | 5.2 | 2 | 0 | 7 | 0 |
| | 17 | 5.2 | 3 | 5.2 | 8 | 0.8 |
| IC5021 | 3 | 5.7 | 4 | 0 | 9 | 8 |
| | 5 | 5.7 | 5 | 5.2 | 10 | 8 |
| | 6 | 0 | 6 | 5.2 | 11 | 2.1 |
| | 7 | 0 | 7 | E | 12 | 1.9 |
| | 8 | 0 | 8 | E | 13 | 2.0 |
| IC5022 | 11 | 0 | 9 | 5.2 | 14 | 5.2 |
| | 12 | 2.2 | 10 | 3.2 | 15 | 5.2 |
| | 13 | 2.2 | 11 | 3.2 | 16 | 5.2 |
| | 14 | 2.7 | 12 | 0 | 17 | 3.7 |
| | 15 | 2.7 | 13 | 5.2 | 18 | 4.2 |
| IC5021 | 16 | E | 14 | 0 | 1 | 0 |
| | 17 | 3.7 | 15 | 1.4 | 2 | 0 |
| | 18 | 2.6 | 2 | 1.4 | 3 | 0 |
| | 19 | 2.6 | 3 | 1.4 | 4 | 0.2 |
| | 20 | 3.6 | 4 | 1.4 | 5 | 0.2 |
| IC5025 | 23 | 0.5 | 5 | 1.4 | 6 | 4.8 |
| | 24 | 2.1 | 6 | E | 7 | E |
| | 25 | 0.2 | 7 | E | 8 | 0 |
| | 26 | 5.2 | 8 | E | 10 | 0 |
| | 27 | 0.5 | 9 | 0 | 11 | 0.2 |
| IC5026 | 3 | 0.5 | 9 | 0 | 12 | 4.7 |
| | 4 | 0.5 | 10 | 0 | 13 | 4.7 |
| | 5 | 4.8 | 11 | 0 | 14 | 5.2 |
| | 6 | 5.3 | 12 | 1.4 | | |
| | 7 | 0.8 | 13 | 1.4 | | |





P5 BOARD TRANSISTOR VOLTAGE LIST

| Q | B | C | E |
|-------|-----|-----|-----|
| Q2001 | 2.5 | 5.0 | 1.9 |
| Q2002 | 1.9 | E | 1.9 |
| Q2004 | 3.3 | 8.0 | 2.7 |
| Q2005 | 2.5 | 5.0 | 1.9 |
| Q2006 | 1.9 | E | 2.5 |
| Q2007 | 2.5 | 5.0 | 1.9 |
| Q2009 | 0.8 | 0 | E |
| Q2010 | 1.9 | 5.0 | 1.2 |
| Q2011 | 2.5 | 5.0 | 1.9 |
| Q2015 | 0.8 | 0 | E |
| Q2016 | 0 | 0.8 | E |
| Q2017 | 3.0 | 4.9 | 2.2 |
| Q2019 | 6.4 | 8.0 | 5.8 |
| Q2020 | 2.7 | 8.0 | 2.8 |
| Q2021 | 2.6 | 6.4 | 2.0 |
| Q2022 | 3.6 | 8.1 | 2.9 |
| Q2023 | 2.6 | 8.0 | 2.0 |
| Q2024 | 4.9 | 5.0 | 4.3 |
| Q2025 | 3.6 | 2.9 | 2.9 |
| Q2026 | 2.3 | 5.0 | 1.7 |

ALL VOLTAGES ARE IN V

U BOARD TRANSISTOR VOLTAGE LIST

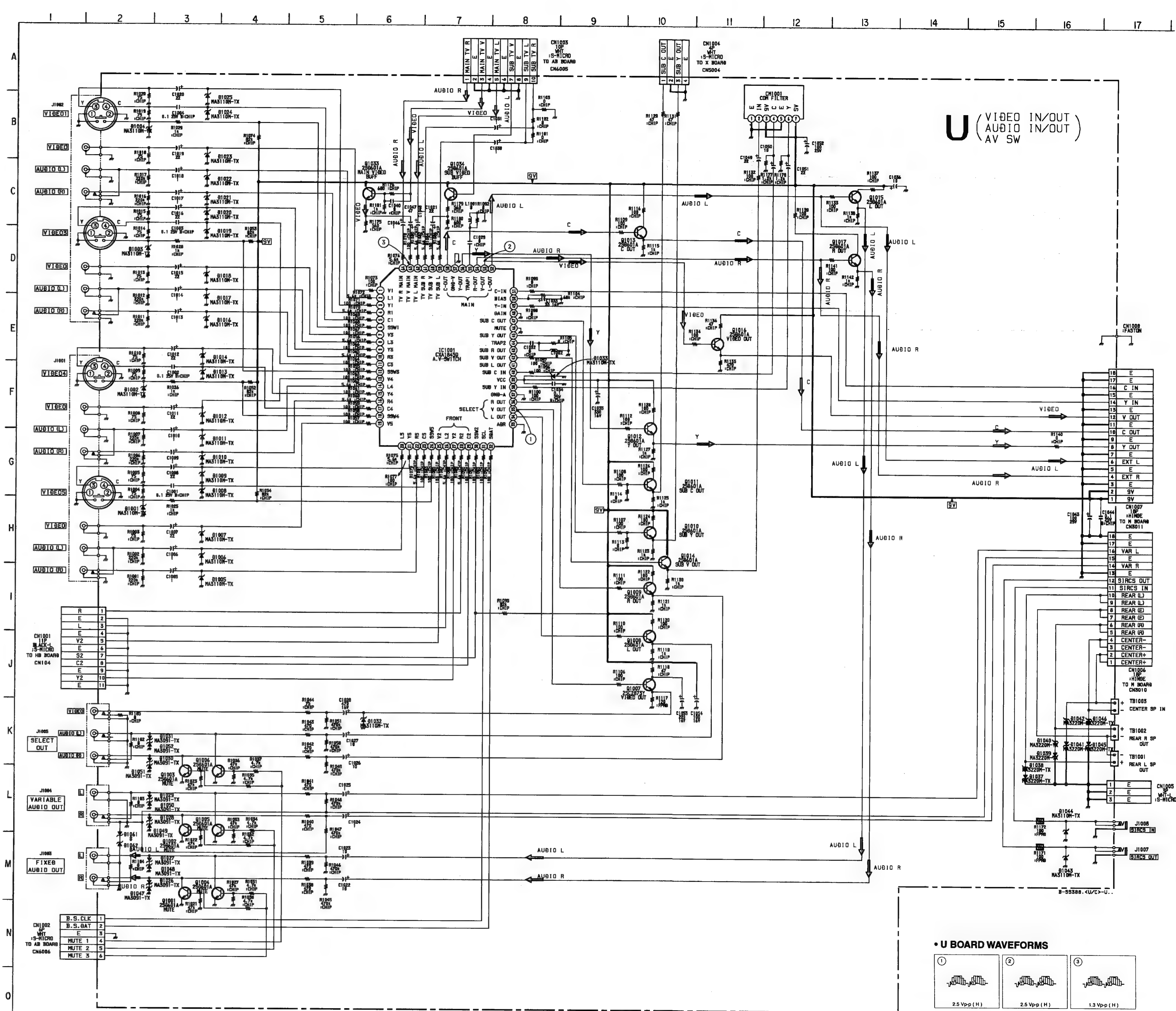
| Q | B | C | E |
|-------|-----|-----|-----|
| Q1001 | 0 | 0.4 | E |
| Q1002 | 0.8 | 0 | E |
| Q1003 | 0 | 0.4 | E |
| Q1004 | 0 | 0.5 | E |
| Q1005 | 0 | 0.5 | E |
| Q1006 | 0 | 0.5 | E |
| Q1007 | 4.0 | 8.0 | 3.4 |
| Q1008 | 4.2 | 8.0 | 3.5 |
| Q1009 | 4.2 | 8.0 | 3.5 |
| Q1010 | 4.1 | 8.0 | 3.4 |
| Q1011 | 4.1 | 8.0 | 3.4 |
| Q1012 | 4.1 | 8.0 | 3.4 |
| Q1013 | 4.1 | 8.0 | 3.4 |
| Q1014 | 4.1 | 8.0 | 3.4 |
| Q1015 | 4.2 | 8.0 | 3.5 |
| Q1016 | 4.1 | 8.0 | 3.4 |
| Q1017 | 4.2 | 8.0 | 3.5 |
| Q1018 | 3.4 | 9.3 | 2.7 |
| Q1019 | 8.4 | 9.3 | 8.7 |

ALL VOLTAGES ARE IN V

U BOARD IC VOLTAGE LIST

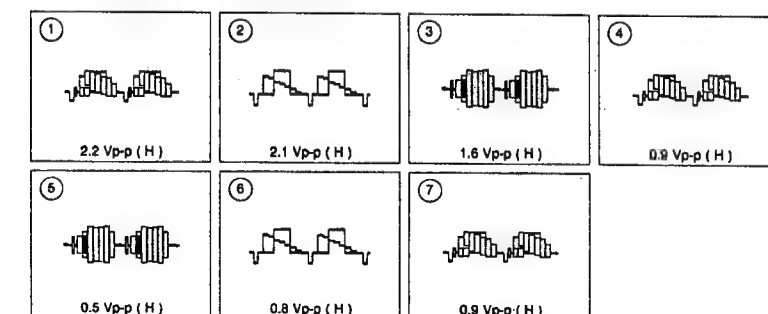
| IC | Pin | Volt | Pin | Volt | Pin | Volt |
|--------|-----|------|-----|------|-----|------|
| IC1001 | 1 | 4.2 | 36 | 4.2 | 71 | 4.2 |
| | 2 | 4.2 | 37 | E | 72 | 4.2 |
| | 3 | 4.2 | 38 | 4.1 | 73 | 4.2 |
| | 4 | 0 | 39 | 9.3 | 74 | 0 |
| | 5 | 0 | 40 | 4.1 | 75 | 0 |
| | 6 | 4.2 | 41 | 4.1 | 76 | 4.2 |
| | 7 | 0.2 | 42 | 4.1 | 77 | 0.2 |
| | 8 | 4.2 | 43 | 4.1 | 78 | 4.2 |
| | 9 | 4.2 | 44 | 4.1 | 79 | 4.2 |
| | 10 | 4.2 | 45 | 4.1 | 80 | 4.2 |
| | 11 | 4.2 | 46 | 4.1 | 81 | 4.2 |
| | 12 | 4.2 | 47 | 4.1 | 82 | 4.2 |
| | 13 | 4.2 | 48 | 4.1 | 83 | 4.2 |
| | 14 | 4.2 | 49 | 4.1 | 84 | 4.2 |
| | 15 | 4.2 | 50 | 4.1 | 85 | 4.2 |
| | 16 | 4.2 | 51 | 4.1 | 86 | 4.2 |
| | 17 | 4.2 | 52 | 4.1 | 87 | 4.2 |
| | 18 | 4.2 | 53 | 4.1 | 88 | 4.2 |
| | 19 | 4.2 | 54 | 4.1 | 89 | 4.2 |
| | 20 | 4.2 | 55 | 4.1 | 90 | 4.2 |
| IC2005 | 1 | E | 80 | 2.8 | 159 | 2.8 |
| | 2 | E | 81 | 2.5 | 160 | 2.8 |
| | 3 | E | 82 | 5.0 | 161 | 2.8 |
| | 4 | E | 83 | 2.5 | 162 | 2.8 |
| | 5 | E | 84 | 5.0 | 163 | 2.8 |
| | 6 | E | 85 | 2.7 | 164 | 2.8 |
| | 7 | E | 86 | 2.7 | 165 | 2.8 |
| | 8 | E | 87 | 2.7 | 166 | 2.8 |
| | 9 | E | 88 | 2.7 | 167 | 2.8 |
| | 10 | E | 89 | 2.7 | 168 | 2.8 |

ALL VOLTAGES ARE IN V
Pin numbers which are not described are not used.

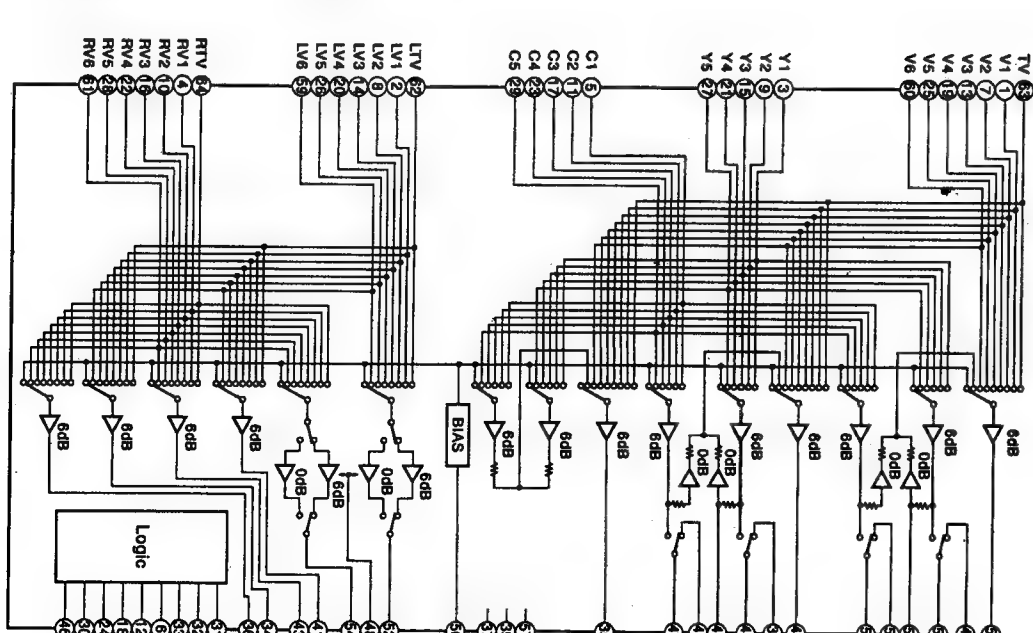


ALL VOLTAGES ARE IN V
Pin numbers which are not described are not used.

• P5 BOARD WAVEFORMS



U BOARD IC001 CX1845Q



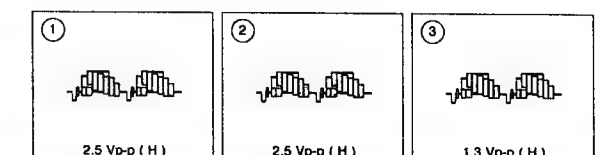
P5 BOARD IC VOLTAGE LIST

| IC | Pin | Volt | Pin | Volt | Pin | Volt |
|--------|-----|------|-----|------|-----|------|
| IC2001 | 1 | 1.1 | 38 | 4.1 | 71 | 4.2 |
| | 2 | NC | 39 | E | 72 | 4.2 |
| | 3 | 5.0 | 40 | 8.0 | 73 | 4.2 |
| | 4 | 2.5 | 41 | 2.4 | 74 | 0 |
| | 5 | 1.1 | 42 | 2.5 | 75 | 0 |
| | 6 | 0.3 | 43 | 1.4 | 76 | 4.2 |
| | 7 | 2.6 | 44 | 1.8 | 77 | 0.2 |
| | 8 | 5.0 | 45 | 2.2 | 78 | 4.2 |
| | 9 | E | 46 | 2.4 | 79 | 4.2 |
| | 10 | 2.4 | 47 | 2.4 | 80 | 4.2 |
| | 11 | 5.0 | 48 | 2.4 | 81 | 4.2 |
| | 12 | E | 49 | 2.4 | 82 | 4.2 |
| | 13 | 1.9 | 50 | 2.4 | 83 | 4.2 |
| | 14 | 2.0 | 51 | 2.4 | 84 | 4.2 |
| | 15 | 2.2 | 52 | 2.4 | 85 | 4.2 |
| | 16 | 2.4 | 53 | 2.4 | 86 | 4.2 |
| | 17 | 2.4 | 54 | 2.4 | 87 | 4.2 |
| | 18 | 2.4 | 55 | 2.4 | 88 | 4.2 |
| | 19 | E | 56 | 2.4 | 89 | 4.2 |
| | 20 | 2.2 | 57 | 2.4 | 90 | 4.2 |
| IC2002 | 1 | 1.1 | 38 | 4.1 | 71 | 4.2 |
| | 2 | NC | 39 | E | 72 | 4.2 |
| | 3 | 5.0 | 40 | 8.0 | 73 | 4.2 |
| | 4 | 2.5 | 41 | 2.4 | 74 | 0 |
| | 5 | 1.1 | 42 | 2.5 | 75 | 0 |
| | 6 | 0.3 | 43 | 1.4 | 76 | 4.2 |
| | 7 | 2.6 | 44 | 1.8 | 77 | 0.2 |
| | 8 | 5.0 | 45 | 2.2 | 78 | 4.2 |
| | 9 | E | 46 | 2.4 | 79 | 4.2 |
| | 10 | 2.4 | 47 | 2.4 | 80 | 4.2 |
| | 11 | 5.0 | 48 | 2.4 | 81 | 4.2 |
| | 12 | E | 49 | 2.4 | 82 | 4.2 |
| | 13 | 1.9 | 50 | 2.4 | 83 | 4.2 |
| | 14 | 2.0 | 51 | 2.4 | 84 | 4.2 |
| | 15 | 2.2 | 52 | 2.4 | 85 | 4.2 |
| | 16 | 2.4 | 53 | 2.4 | 86 | 4.2 |
| | 17 | 2.4 | 54 | 2.4 | 87 | 4.2 |
| | 18 | 2.4 | 55 | 2.4 | 88 | 4.2 |
| | 19 | E | 56 | 2.4 | 89 | 4.2 |
| | 20 | 2.2 | 57 | 2.4 | 90 | 4.2 |
| IC2003 | 1 | 1.1 | 38 | 4.1 | 71 | 4.2 |
| | 2 | NC | 39 | E | 72 | 4.2 |
| | 3 | 5.0 | 40 | 8.0 | 73 | 4.2 |
| | 4 | 2.5 | 41 | 2.4 | 74 | 0 |
| | 5 | 1.1 | 42 | 2.5 | 75 | 0 |
| | 6 | 0.3 | 43 | 1.4 | 76 | 4.2 |
| | 7 | 2.6 | 44 | 1.8 | 77 | 0.2 |
| | 8 | 5.0 | 45 | 2.2 | 78 | 4.2 |
| | 9 | E | 46 | 2.4 | 79 | 4.2 |
| | 10 | 2.4 | 47 | 2.4 | 80 | 4.2 |
| | 11 | 5.0 | 48 | 2.4 | 81 | 4.2 |
| | 12 | E | 49 | 2.4 | 82 | 4.2 |
| | 13 | 1.9 | 50 | 2.4 | 83 | 4.2 |
| | 14 | 2.0 | 51 | 2.4 | 84 | 4.2 |
| | 15 | 2.2 | 52 | 2.4 | 85 | 4.2 |
| | 16 | 2.4 | 53 | 2.4 | 86 | 4.2 |
| | 17 | 2.4 | 54 | 2.4 | 87 | 4.2 |
| | 18 | 2.4 | 55 | 2.4 | 88 | 4.2 |
| | 19 | E | 56 | 2.4 | 89 | 4.2 |
| | 20 | 2.2 | 57 | 2.4 | 90 | 4.2 |
| IC2004 | 1 | 1.1 | 38 | 4.1 | 71 | 4.2 |
| | 2 | NC | 39 | E | 72 | 4.2 |
| | 3 | 5.0 | 40 | 8.0 | 73 | 4.2 |
| | 4 | 2.5 | 41 | 2.4 | 74 | 0 |
| | 5 | 1.1 | 42 | 2.5 | 75 | 0 |
| | 6 | 0.3 | 43 | 1.4 | 76 | 4.2 |
| | 7 | 2.6 | 44 | 1.8 | 77 | 0.2 |
| | 8 | 5.0 | 45 | 2.2 | 78 | 4.2 |
| | 9 | E | 46 | 2.4 | 79 | 4.2 |
| | 10 | 2.4 | 47 | 2.4 | 80 | 4.2 |
| | 11 | 5.0 | 48 | 2.4 | 81 | 4.2 |
| | 12 | E | 49 | 2.4 | 82 | 4.2 |
| | 13 | 1.9 | 50 | 2.4 | 83 | 4.2 |
| | 14 | 2.0 | 51 | 2.4 | 84 | 4.2 |
| | 15 | 2.2 | 52 | 2.4 | 85 | 4.2 |
| | 16 | 2.4 | 53 | 2.4 | 86 | 4.2 |
| | 17 | 2.4 | 54 | 2.4 | 87 | 4.2 |
| | 18 | 2.4 | 55 | 2.4 | 88 | 4.2 |
| | 19 | E | 56 | 2.4 | 89 | 4.2 |
| | 20 | 2.2 | 57 | 2.4 | 90 | 4.2 |
| IC2005 | 1 | E | 80 | 2.8 | 159 | 2.8 |
| | 2 | E | 81 | 2.5 | 160 | 2.8 |
| | 3 | E | 82 | 5.0 | 161 | 2.8 |
| | 4 | E | 83 | 2.5 | 162 | 2.8 |
| | 5 | E | 84 | 5.0 | 163 | 2.8 |
| | 6 | E | 85 | 2.7 | 164 | 2.8 |
| | 7 | E | 86 | 2.7 | 165 | 2.8 |
| | 8 | E | 87 | 2.7 | 166 | 2.8 |
| | 9 | E | 88 | 2.7 | 167 | 2.8 |
| | 10 | E | 89 | 2.7 | 168 | 2.8 |
| | 11 | E | 90 | 2.7 | 169 | 2.8 |
| | 12 | E | 91 | 2.7 | 170 | 2.8 |
| | 13 | E | 92 | 2.7 | 171 | 2.8 |
| | 14 | E | 93 | 2.7 | 172 | 2.8 |
| | 15 | E | 94 | 2.7 | 173 | 2.8 |
| | 16 | E | 95 | 2.7 | 174 | 2.8 |
| | 17 | E | 96 | 2.7 | 175 | 2.8 |
| | 18 | E | 97 | 2.7 | 176 | 2.8 |
| | 19 | E | 98 | 2.7 | 177 | 2.8 |
| | 20 | E | 99 | 2.7 | 178 | 2.8 |

ALL VOLTAGES ARE IN V
Pin numbers which are not described are not used.

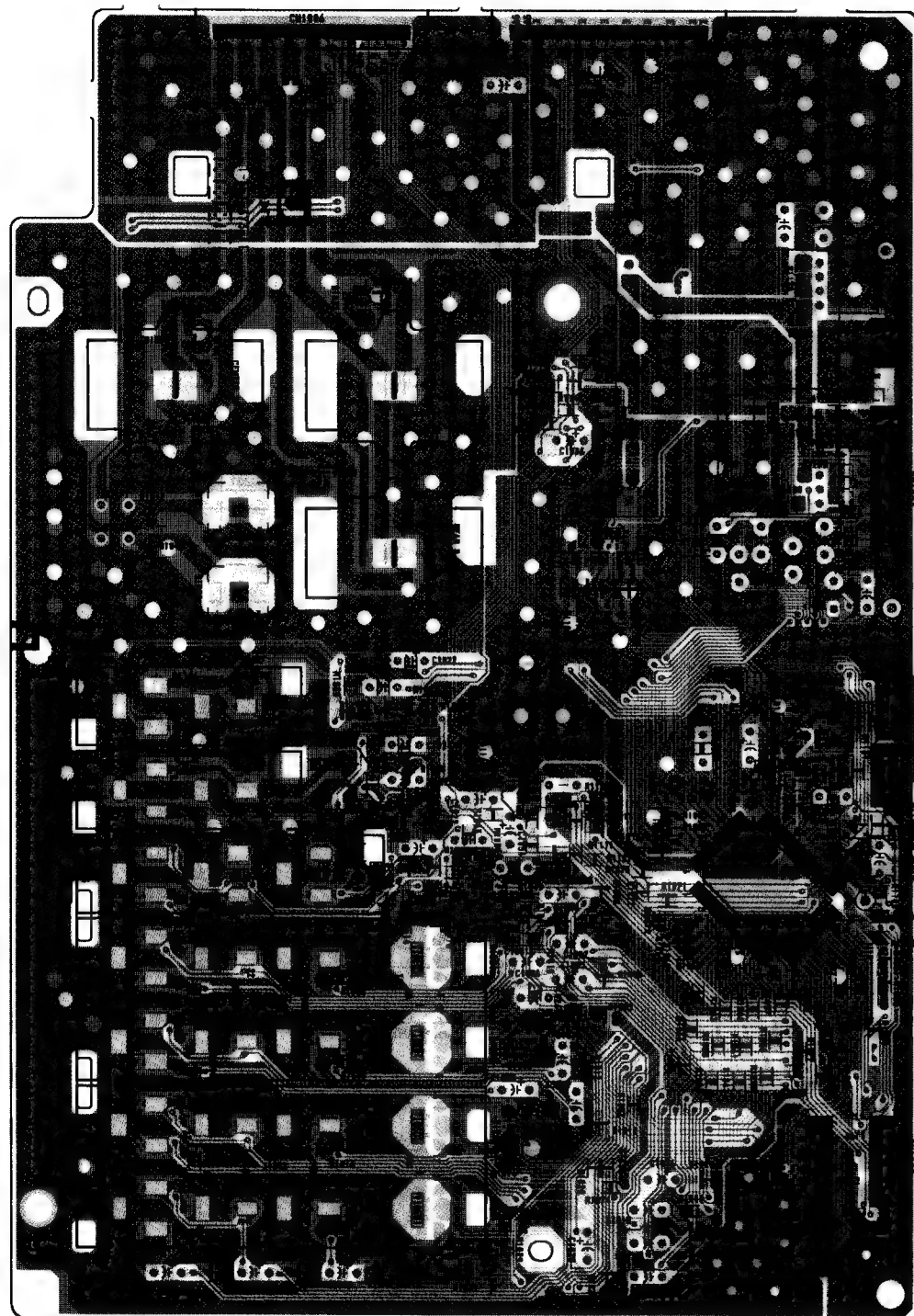
ALL VOLTAGES ARE IN V
Pin numbers which are not described are not used.

• U BOARD WAVEFORMS

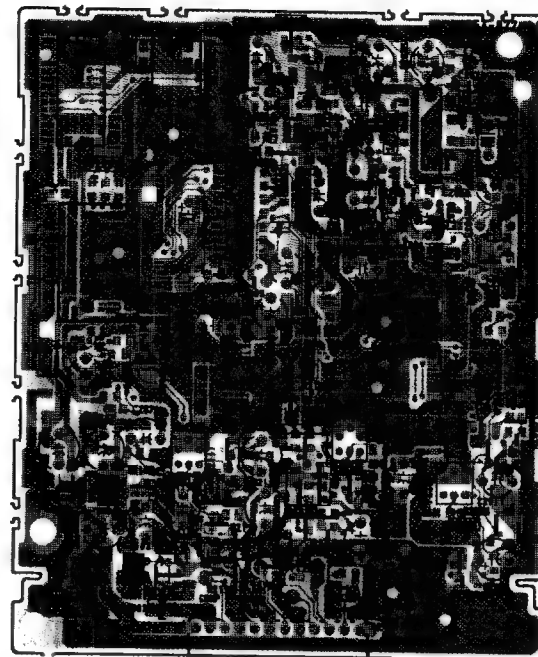


UVIDEO IN/OUT,
AUDIO IN/OUT,
AV SW.**P5**3 DIMENSION,
DIGITAL COMB FILTER.

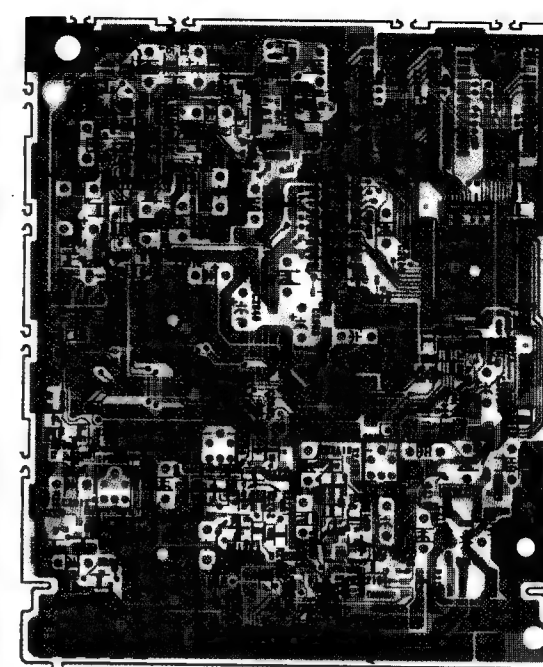
- U BOARD -



- P5 BOARD - (Component Side)



(Conductor Side)



Note :

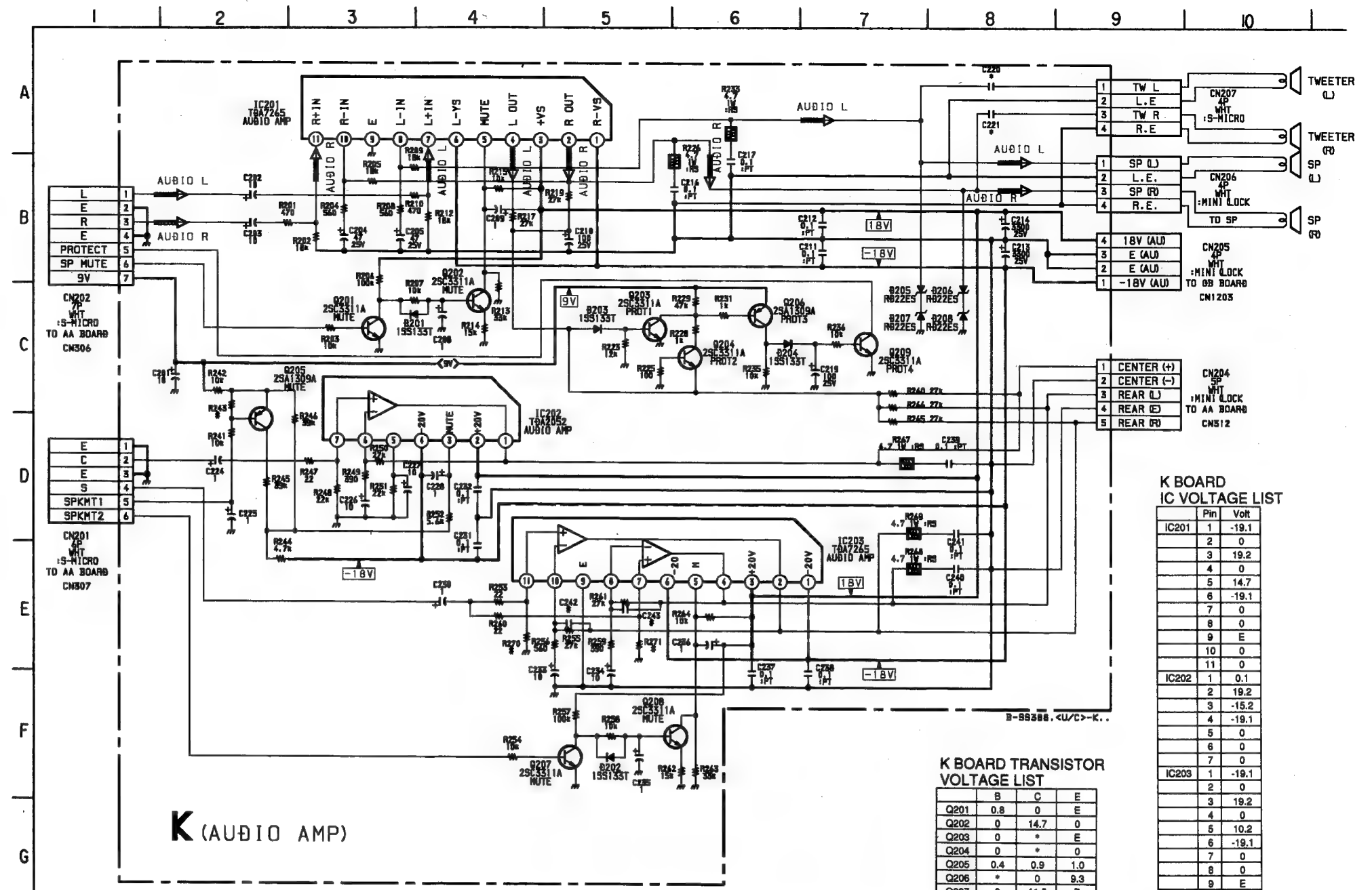
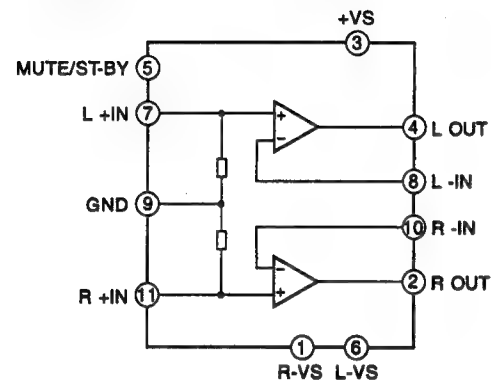
- : Pattern from the side which enables seeing.
- : Pattern of the rear side.

K BOARD BOARD TABLE OF DIFFERENCES BETWEEN MODELS

| Ref | KP-53XBR45 | KP-61XBR48 |
|------|------------|------------|
| C220 | JW (5) | - |
| C221 | JW (5) | - |

-: Not mount

K BOARD IC201 TDA7265



K BOARD IC VOLTAGE LIST

| IC | Pin | Volt |
|-------|-----|-------|
| IC201 | 1 | -19.1 |
| | 2 | 0 |
| | 3 | 19.2 |
| | 4 | 0 |
| | 5 | 14.7 |
| | 6 | -19.1 |
| | 7 | 0 |
| | 8 | 0 |
| | 9 | E |
| | 10 | 0 |
| | 11 | 0 |
| IC202 | 1 | 0.1 |
| | 2 | 19.2 |
| | 3 | -15.2 |
| | 4 | -19.1 |
| | 5 | 0 |
| IC203 | 1 | -19.1 |
| | 2 | 0 |
| | 3 | 19.2 |
| | 4 | 0 |
| | 5 | 10.2 |
| | 6 | -19.1 |
| | 7 | 0 |
| | 8 | 0 |
| | 9 | E |
| | 10 | 0 |
| | 11 | 0 |

ALL VOLTAGES ARE IN V

K BOARD TRANSISTOR VOLTAGE LIST

| Q | B | C | E |
|------|------|------|------|
| Q201 | 0.8 | 0 | E |
| Q202 | 0 | 14.7 | 0 |
| Q203 | 0 | * | E |
| Q204 | 0 | * | 0 |
| Q205 | 0.4 | 0.9 | 1.0 |
| Q206 | * | 0 | 9.3 |
| Q207 | 0 | 11.5 | E |
| Q208 | 10.8 | 10.2 | 10.1 |
| Q209 | * | 4.3 | E |

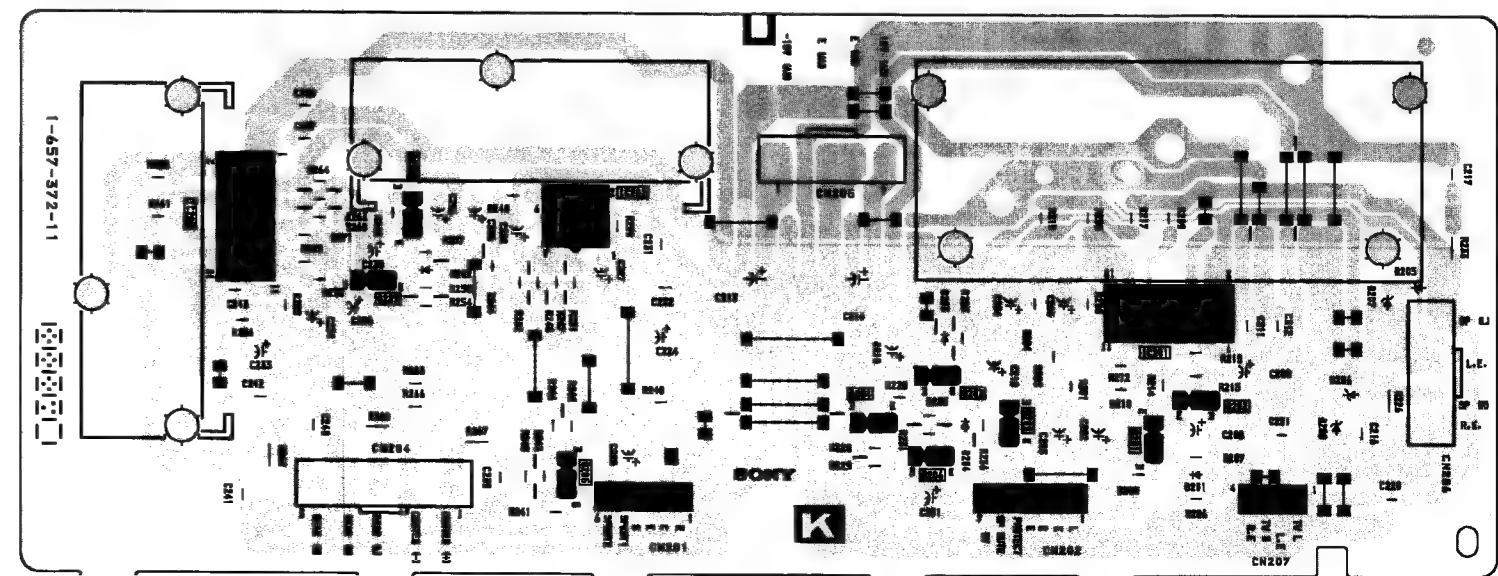
ALL VOLTAGES ARE IN V

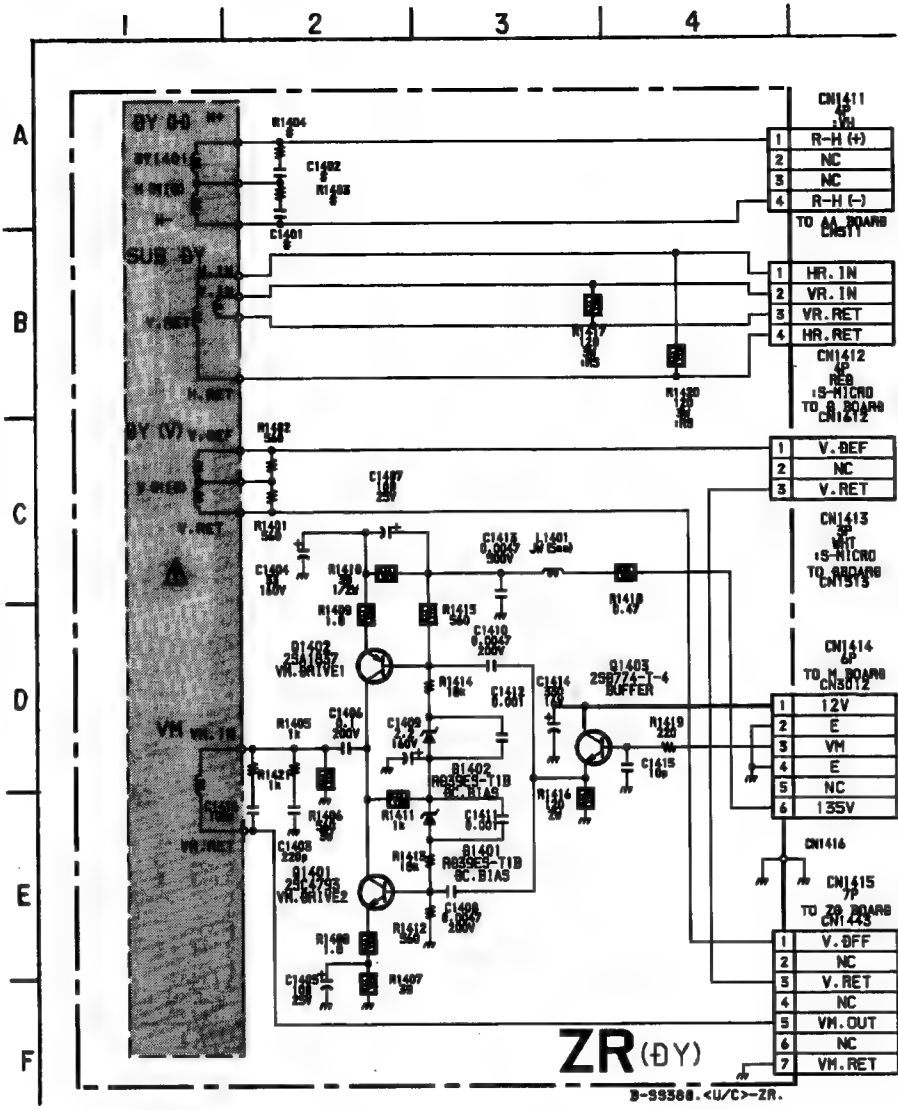
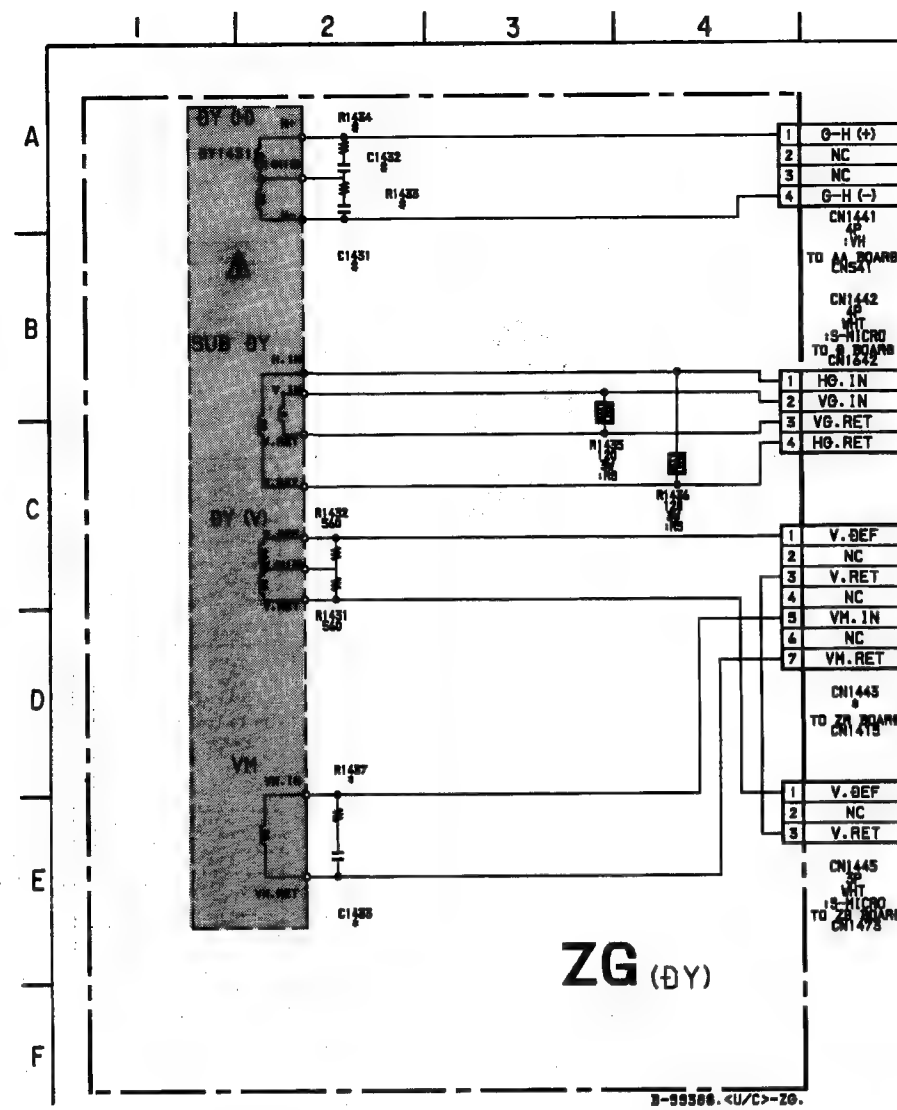
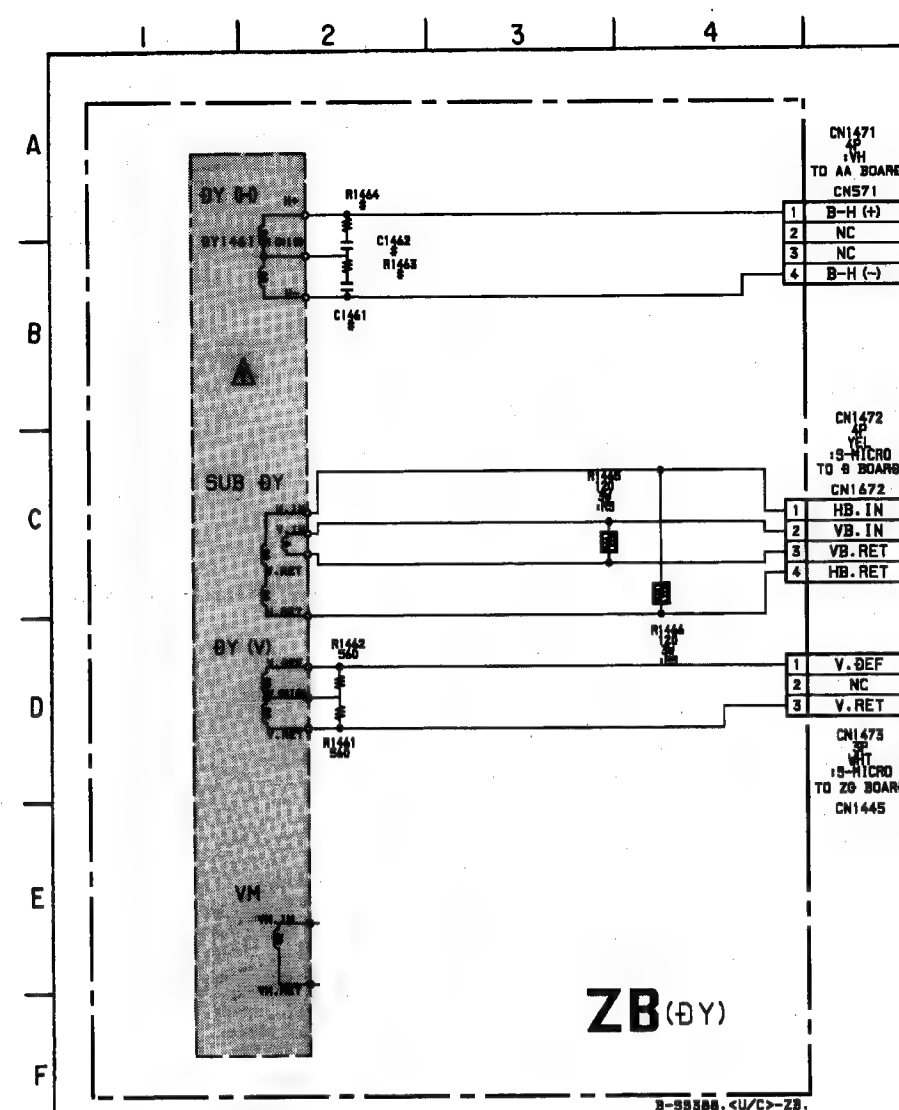
- K BOARD -

K [AUDIO AMP]

Schematic diagrams

K board

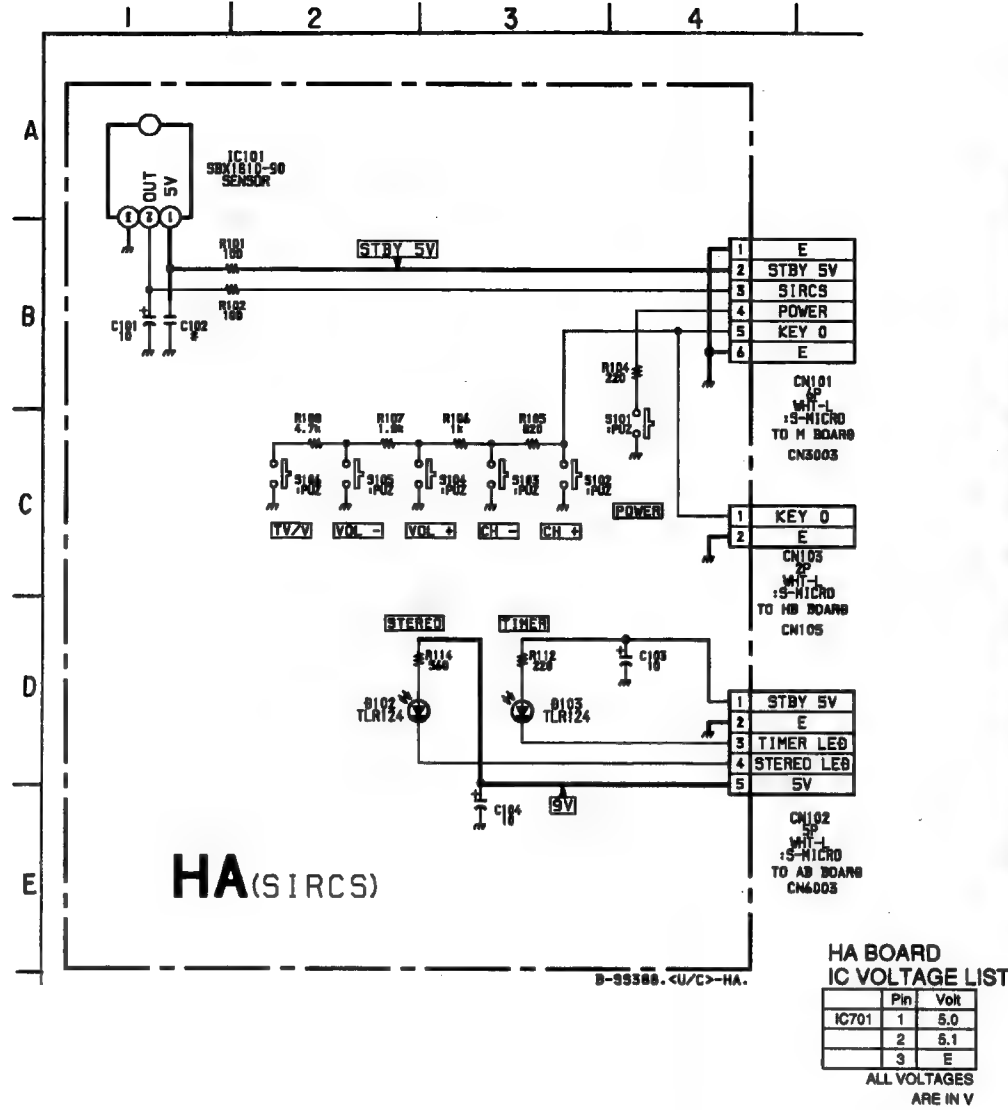




ZR BOARD TRANSISTOR VOLTAGE LIST

| | B | C | E |
|-------|------|------|------|
| Q1401 | 0 | -0.5 | 0 |
| Q1402 | -0.9 | -0.5 | -1.0 |
| Q1403 | 5.4 | 12.0 | 4.8 |

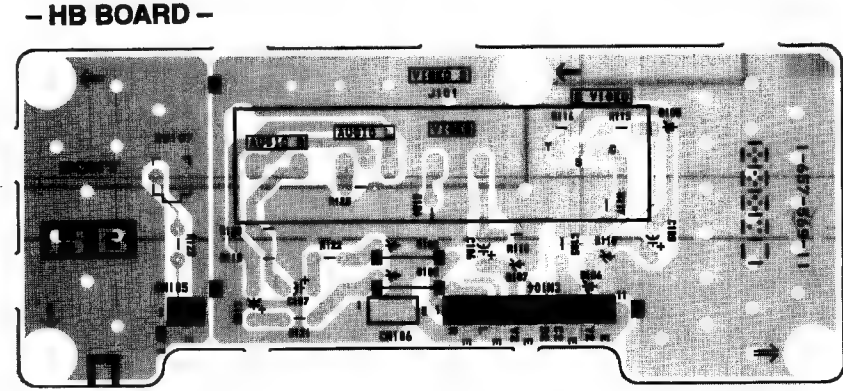
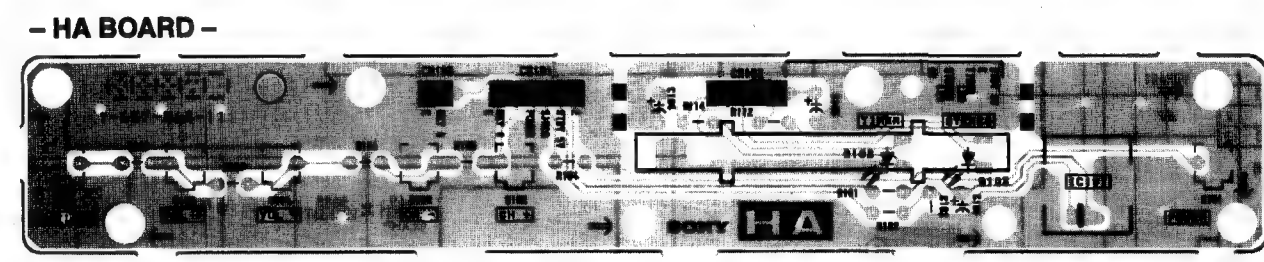
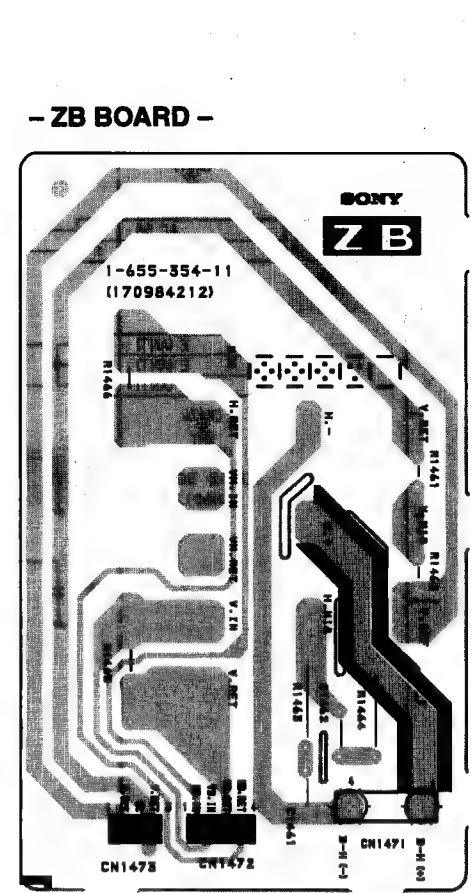
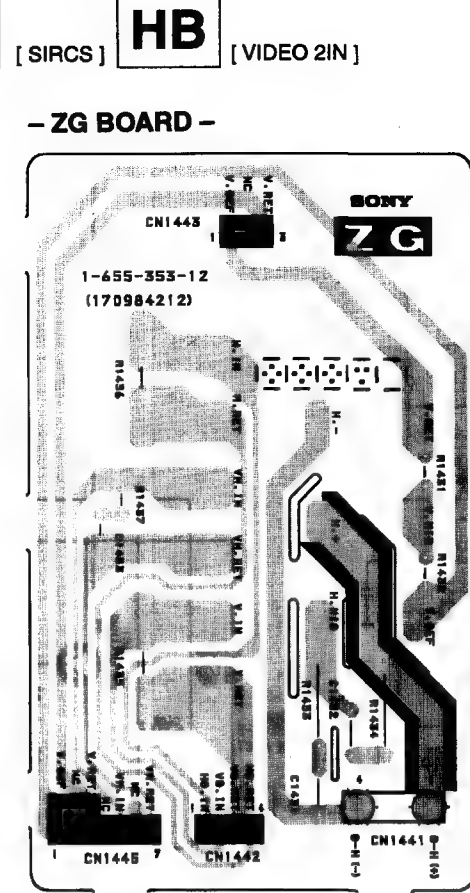
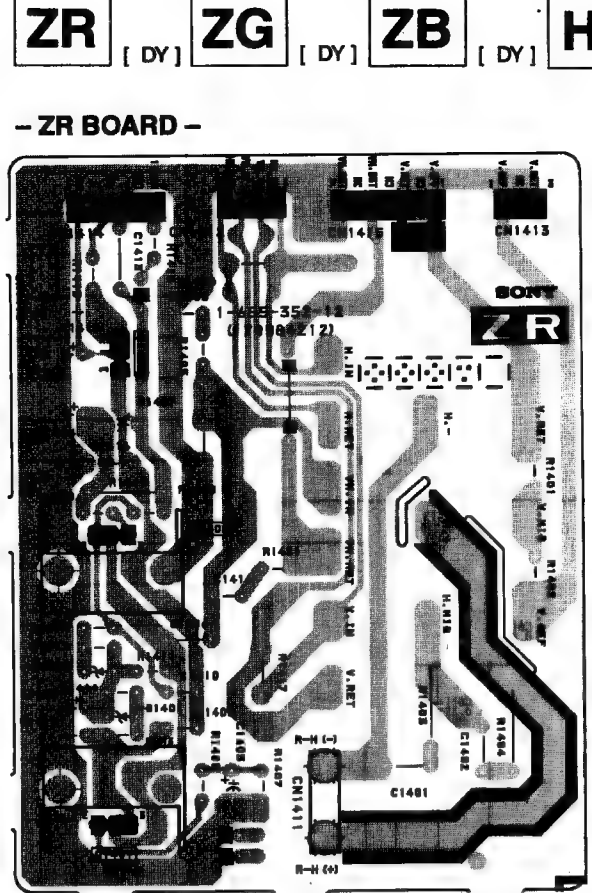
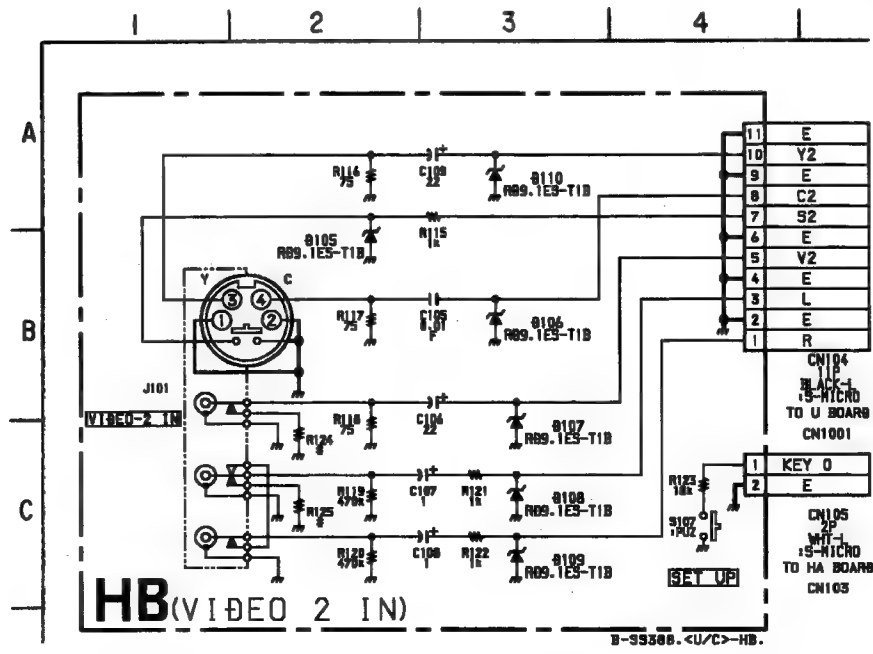
ALL VOLTAGES ARE IN V

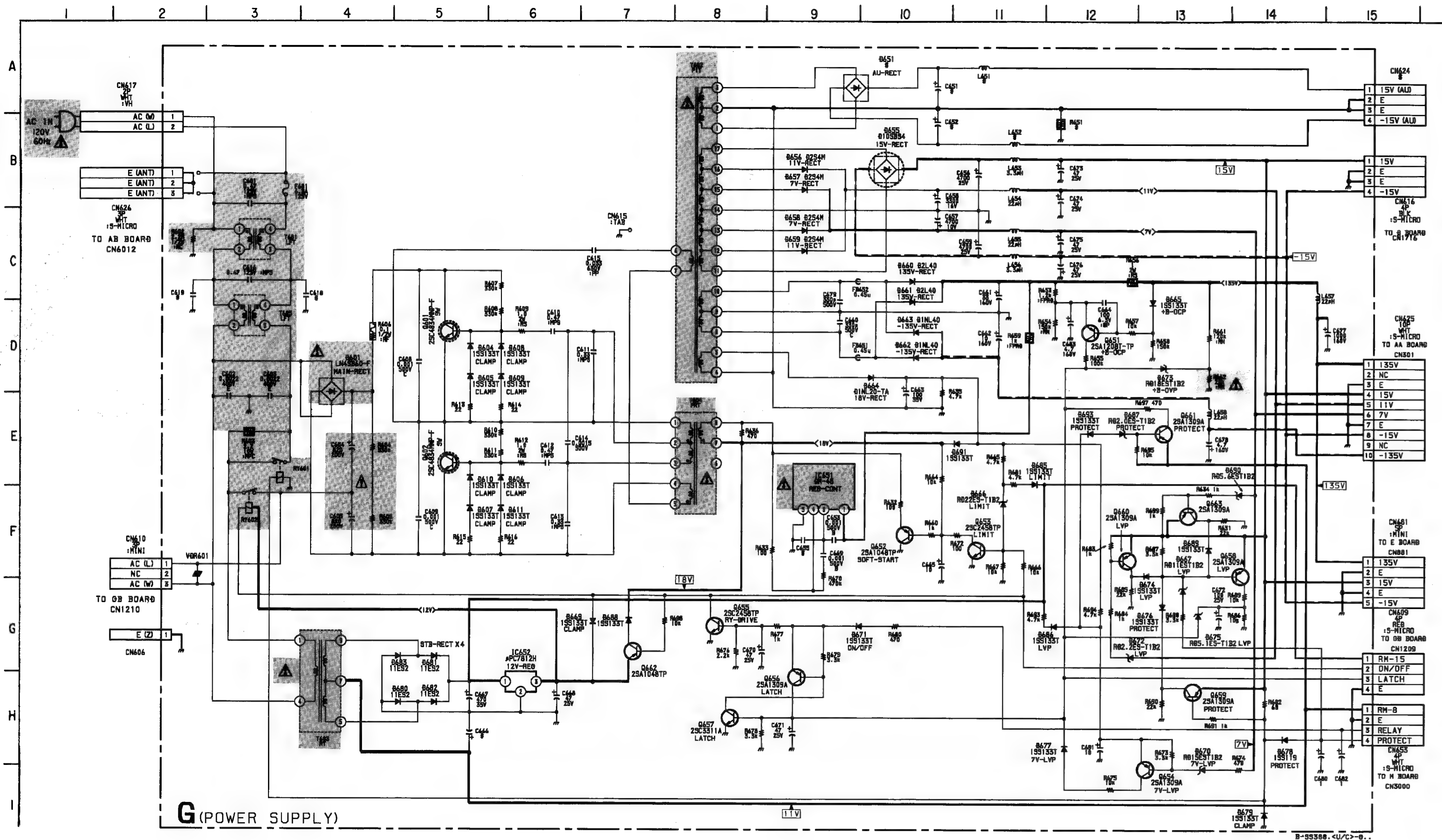


HA BOARD IC VOLTAGE LIST

| Pin | Volt |
|---------|------|
| IC701 1 | 5.0 |
| IC701 2 | 5.1 |
| IC701 3 | 5 |

ALL VOLTAGES ARE IN V





G BOARD TRANSISTOR VOLTAGE LIST

| Q | B | C | E |
|------|-------|-------|-------|
| Q601 | 131.0 | 282.0 | 132.6 |
| Q602 | -1.7 | 132.6 | E |
| Q651 | 138.1 | 0.2 | 138.2 |
| Q652 | 17.0 | E | 14.5 |
| Q653 | 0.2 | 17.0 | E |
| Q654 | 15.8 | -2.9 | 15.8 |
| Q655 | 0.9 | 0.2 | E |
| Q656 | 2.7 | 0.2 | 2.7 |
| Q657 | 0.2 | 2.7 | E |
| Q658 | 15.5 | 0 | 15.5 |
| Q659 | 14.7 | 15.5 | 15.5 |
| Q660 | 14.8 | 15.5 | 15.5 |
| Q661 | 11.5 | 0.2 | 11.5 |
| Q662 | 11.1 | 11.8 | 11.8 |
| Q663 | 14.8 | 15.5 | 15.5 |

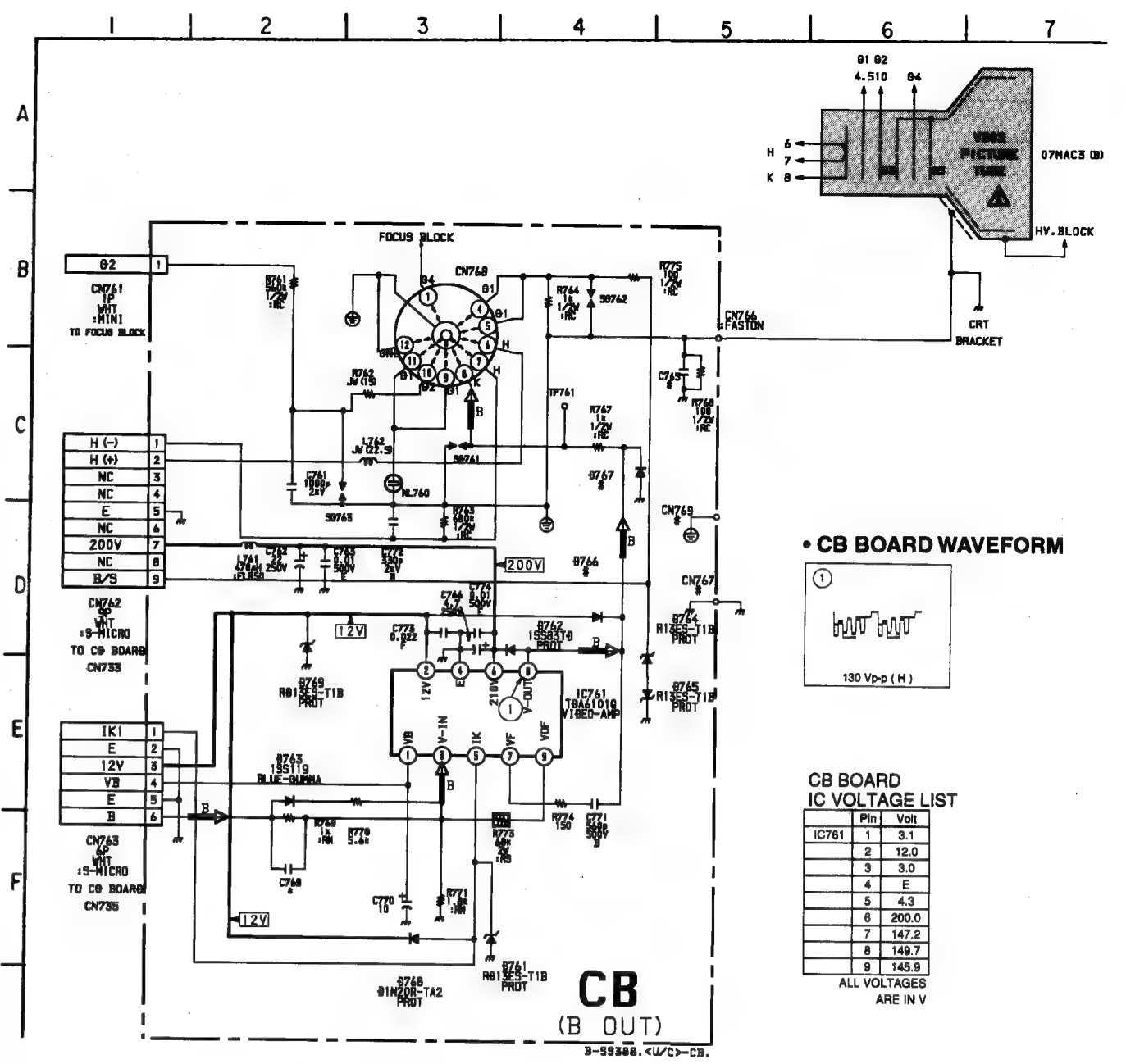
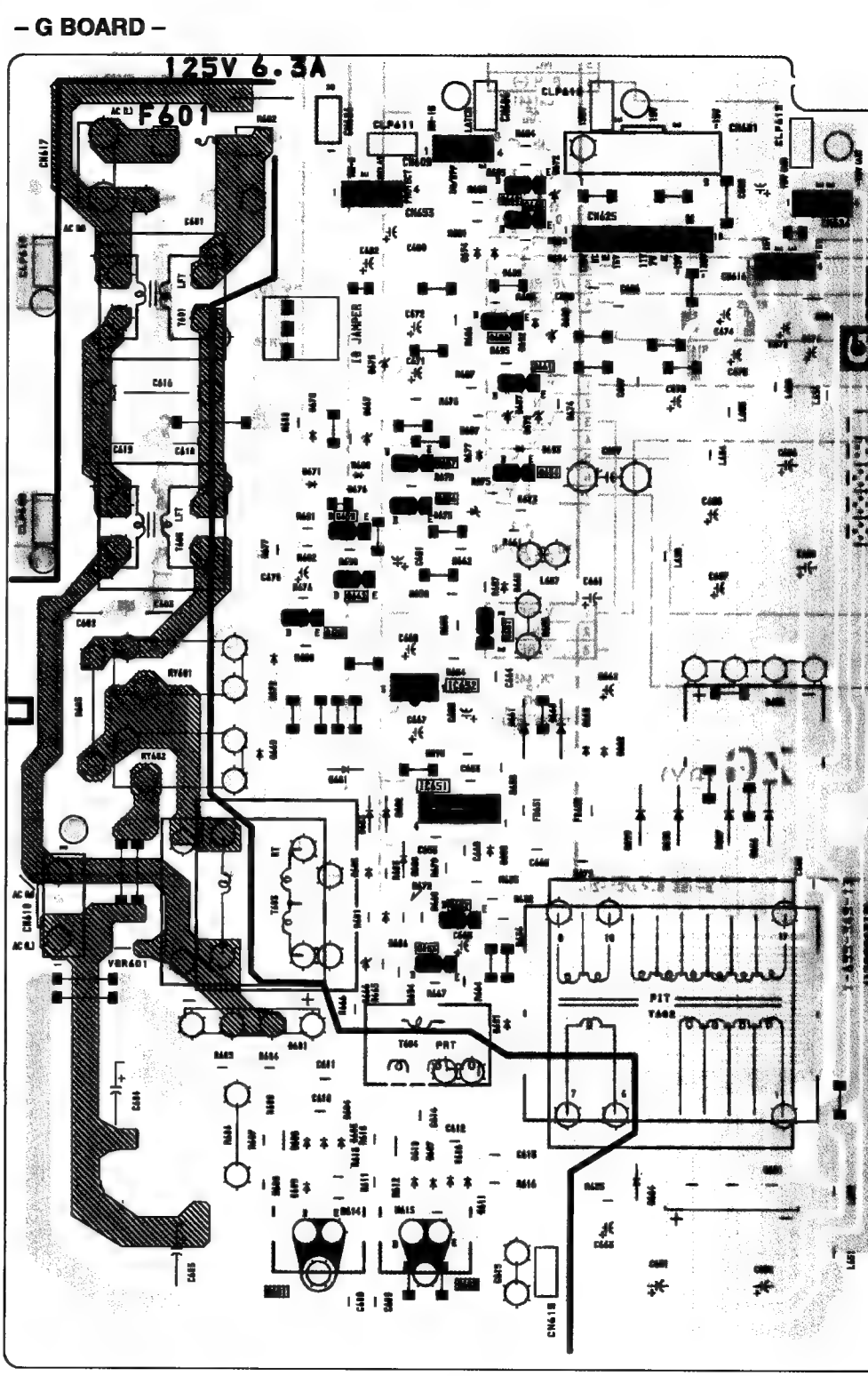
ALL VOLTAGES ARE IN V

G BOARD IC VOLTAGE LIST

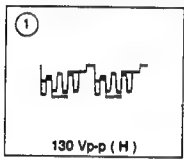
| IC | Pin | Volt |
|-------|-----|-------|
| IC651 | 1 | 138.0 |
| | 3 | 2.7 |
| | 4 | 12.9 |
| | 5 | E |
| IC652 | 1 | 13.2 |
| | 2 | E |
| | 3 | 11.8 |

ALL VOLTAGES ARE IN V

G [POWER SUPPLY] CB [B OUT]



• CB BOARD WAVEFORM

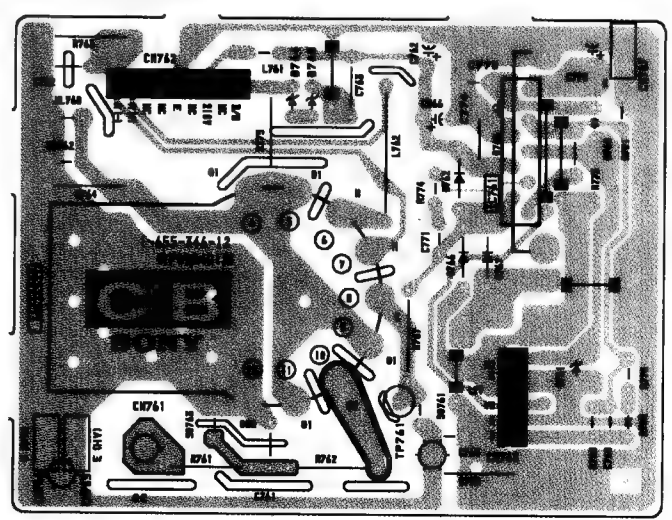


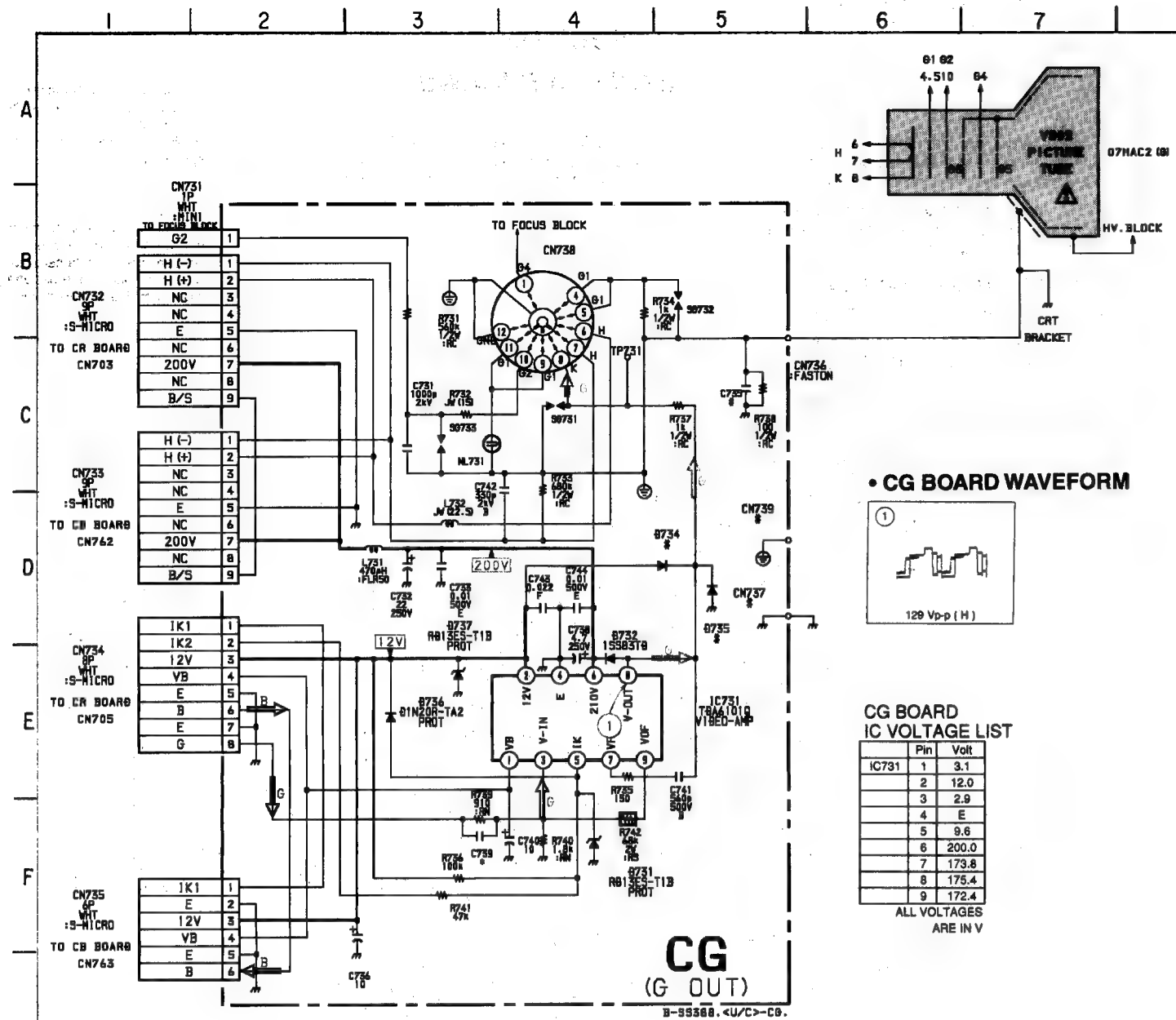
CB BOARD IC VOLTAGE LIST

| IC | Pin | Volt |
|-------|-----|-------|
| IC761 | 1 | 3.1 |
| | 2 | 12.0 |
| | 3 | 3.0 |
| | 4 | E |
| | 5 | 4.3 |
| | 6 | 200.0 |
| | 7 | 147.2 |
| | 8 | 149.7 |
| | 9 | 145.9 |

ALL VOLTAGES ARE IN V

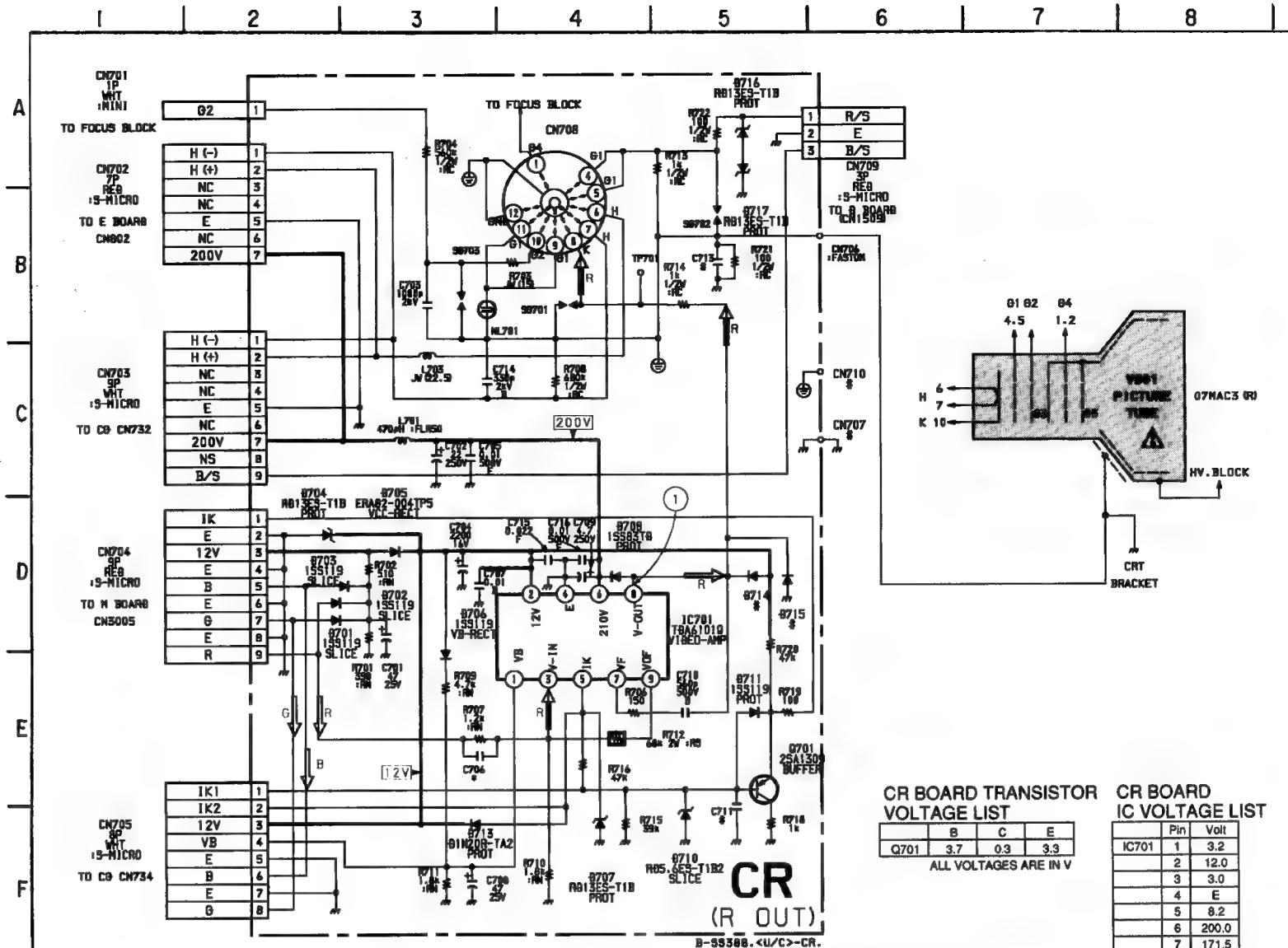
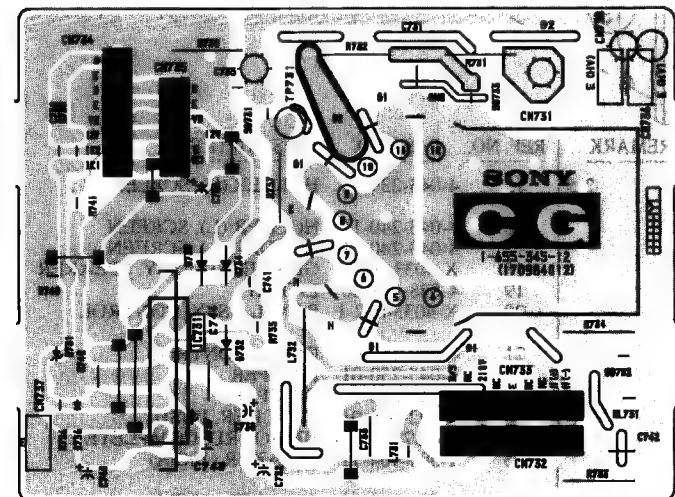
- CB BOARD -





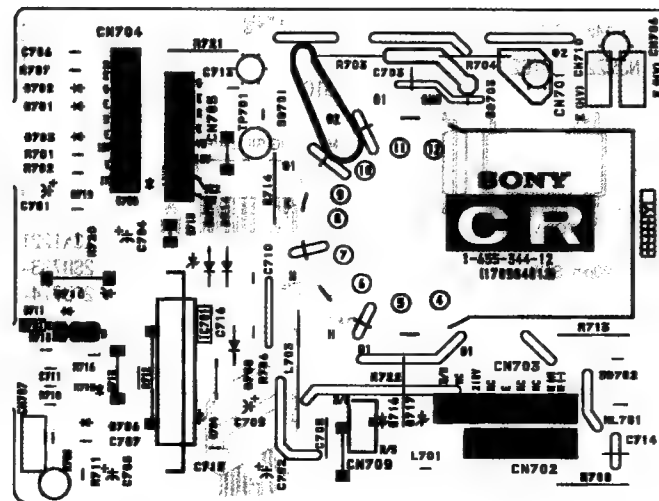
CG [G OUT]

- CG BOARD -

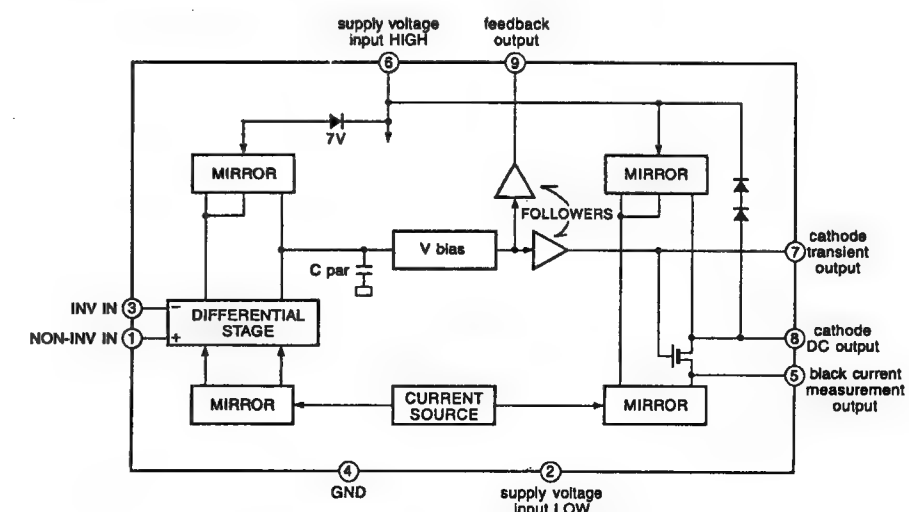


CR [R OUT]

- CR BOARD -



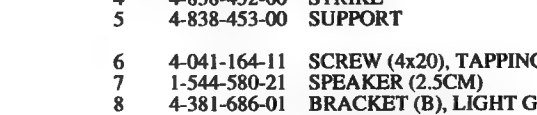
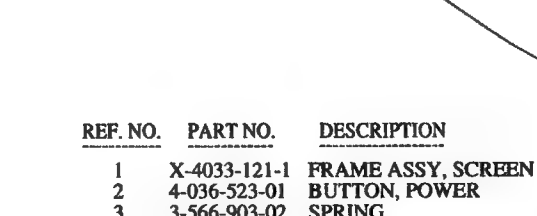
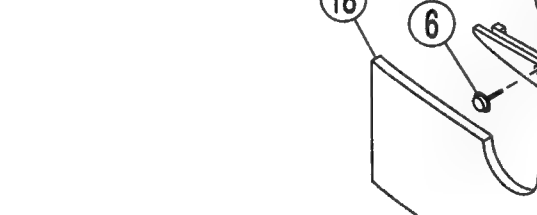
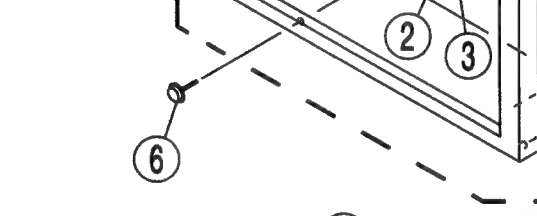
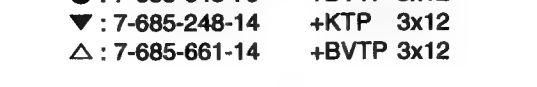
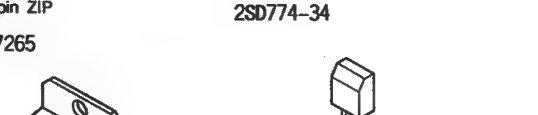
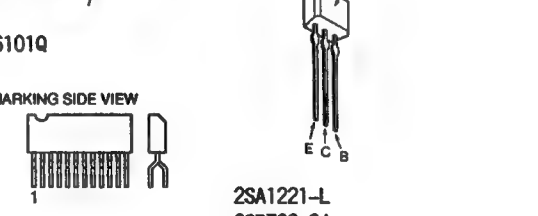
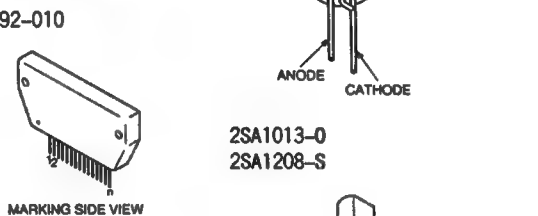
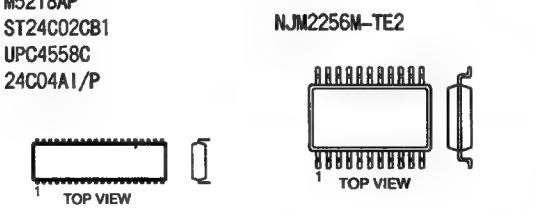
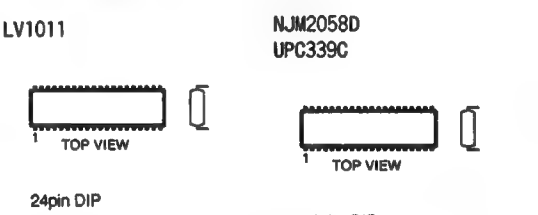
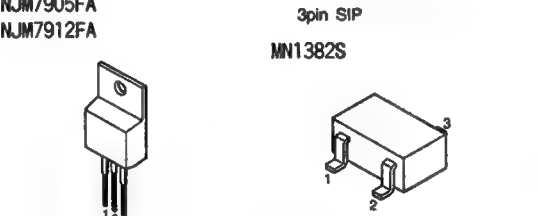
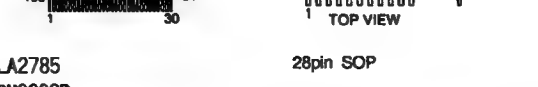
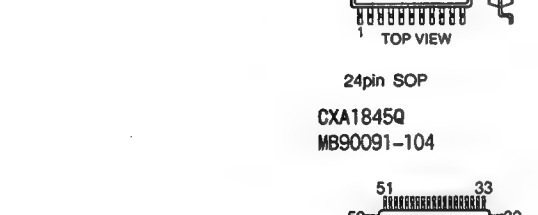
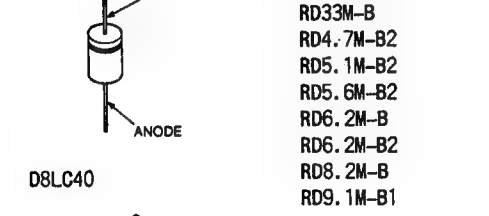
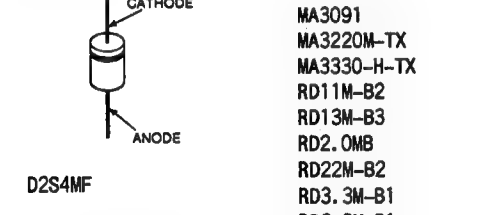
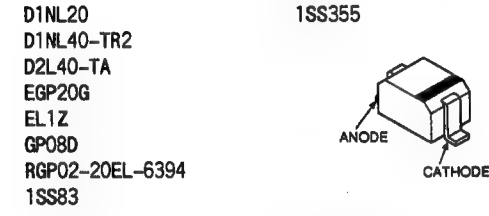
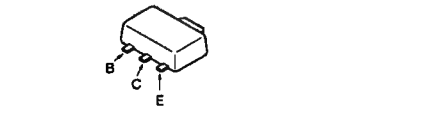
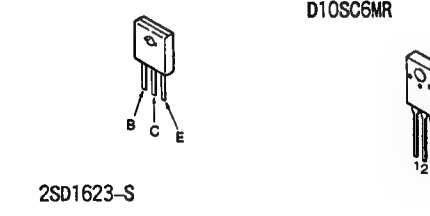
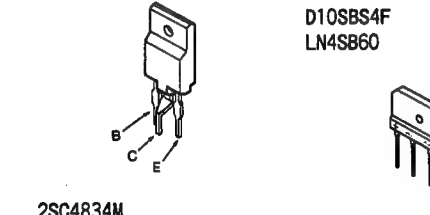
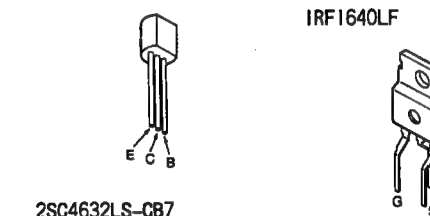
CR BOARD IC701 TDA6101Q



Schematic diagrams

← CB CR boards

2SA1492M-OPY 2SD2348I BSONY

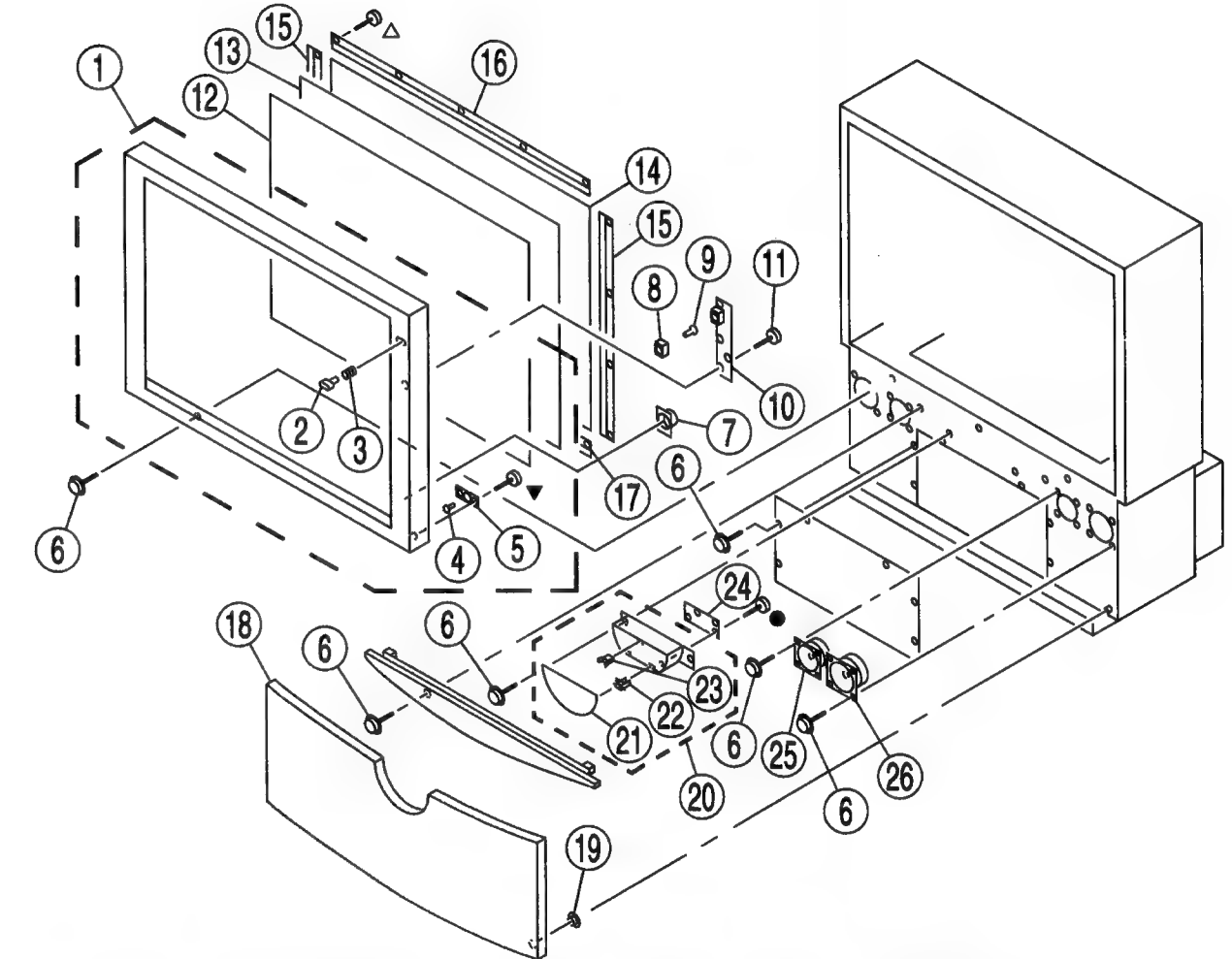


- Items marked " " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- Items marked " " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

● : 7-685-648-79 +BVTP 3x12
▼ : 7-685-248-14 +KTP 3x12
△ : 7-685-661-14 +BVTP 3x12

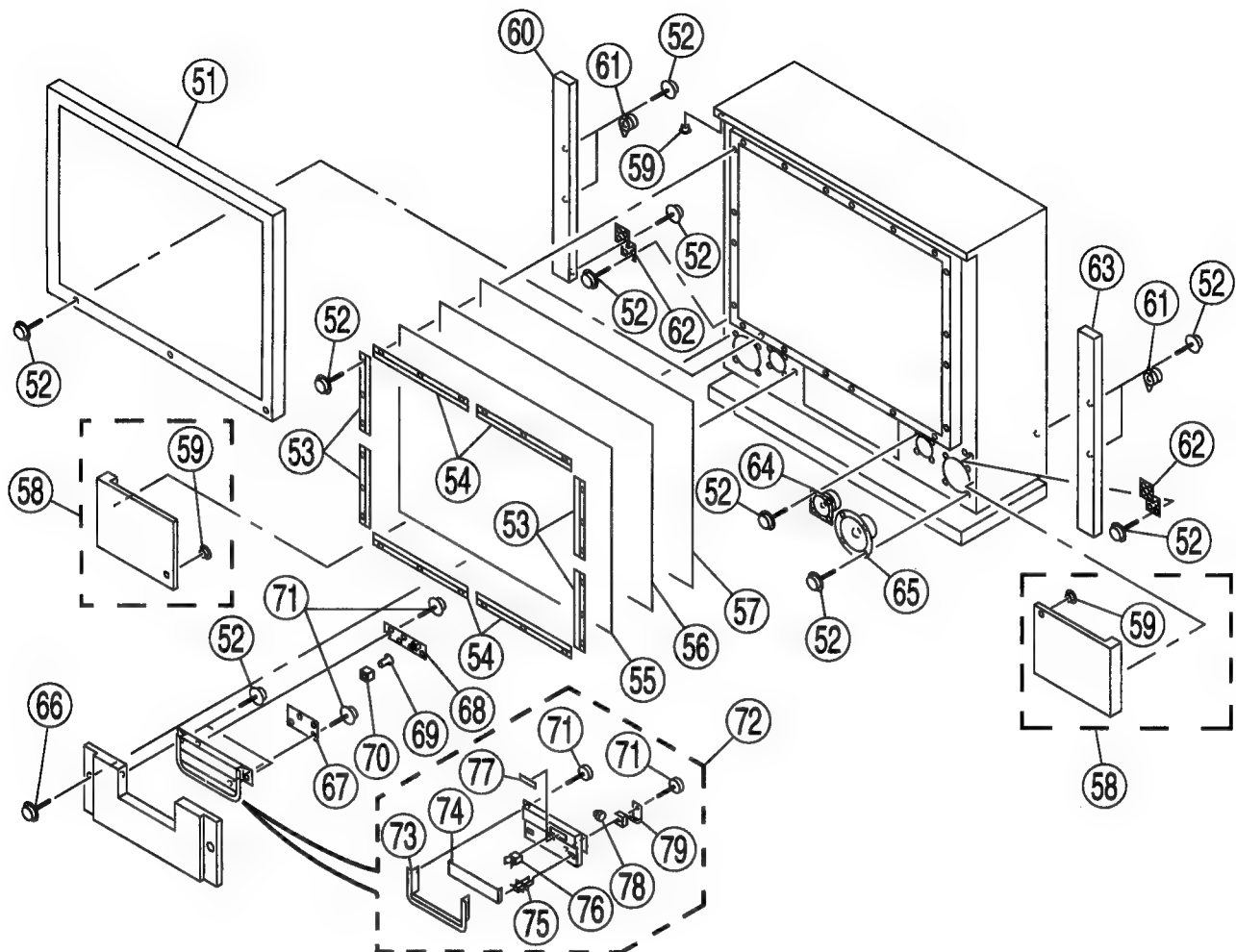
● : 7-685-648-79 +BVTP 3x12
▼ : 7-685-248-14 +KTP 3x12
△ : 7-685-661-14 +BVTP 3x12



| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|----------------|----------------------------|--------|----------|----------------|---------------------------|--------|
| 1 | X-4033-121-1 | FRAME ASSY, SCREEN | 2-5 | 15 | 4-043-239-11 | HOLDER (S), SCREEN | |
| 2 | 4-036-523-01 | BUTTON, POWER | | | | | |
| 3 | 3-566-903-02 | SPRING | | | | | |
| 4 | 4-838-452-00 | STRIKE | | | | | |
| 5 | 4-838-453-00 | SUPPORT | | | | | |
| 6 | 4-041-164-11 | SCREW (4x20), TAPPING | | 16 | 4-043-240-11 | HOLDER (L), SCREEN | |
| 7 | 1-544-580-21 | SPEAKER (2.5CM) | | 17 | 4-043-240-31 | HOLDER (L), SCREEN | |
| 8 | 4-381-686-01 | BRACKET (B), LIGHT GUIDE | | 18 | X-4033-010-1 | GRILLE (53) ASSY, SPEAKER | |
| 9 | * 4-374-987-01 | GUIDE, LIGHT | | 19 | 4-838-438-00 | LATCH | |
| 10 | * A-1372-140-A | HA BOARD, COMPLETE | | 20 | X-4033-012-1 | PANEL ASSY, CONTROL | 21-23 |
| 11 | 4-041-165-01 | SCREW (3x12), TAPPING, +BV | | 21 | 4-050-150-01 | DOOR, CONTROL | |
| 12 | 4-043-235-01 | SCREEN (53), CONTRAST | | 22 | 4-045-250-01 | DAMPER | |
| 13 | 4-036-466-01 | PLATE (L), DIFFUSION | | | 4-045-250-11 | DAMPER | |
| 14 | 4-036-469-01 | PLATE (F), DIFFUSION | | 23 | 4-392-036-01 | CATCHER, PUSH | |
| | | | | 24 | * A-1372-141-A | HB BOARD, COMPLETE | |
| | | | | 25 | 1-504-964-11 | SPEAKER (10CM) | |
| | | | | 26 | 1-504-141-11 | SPEAKER (13CM) | |

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifique.

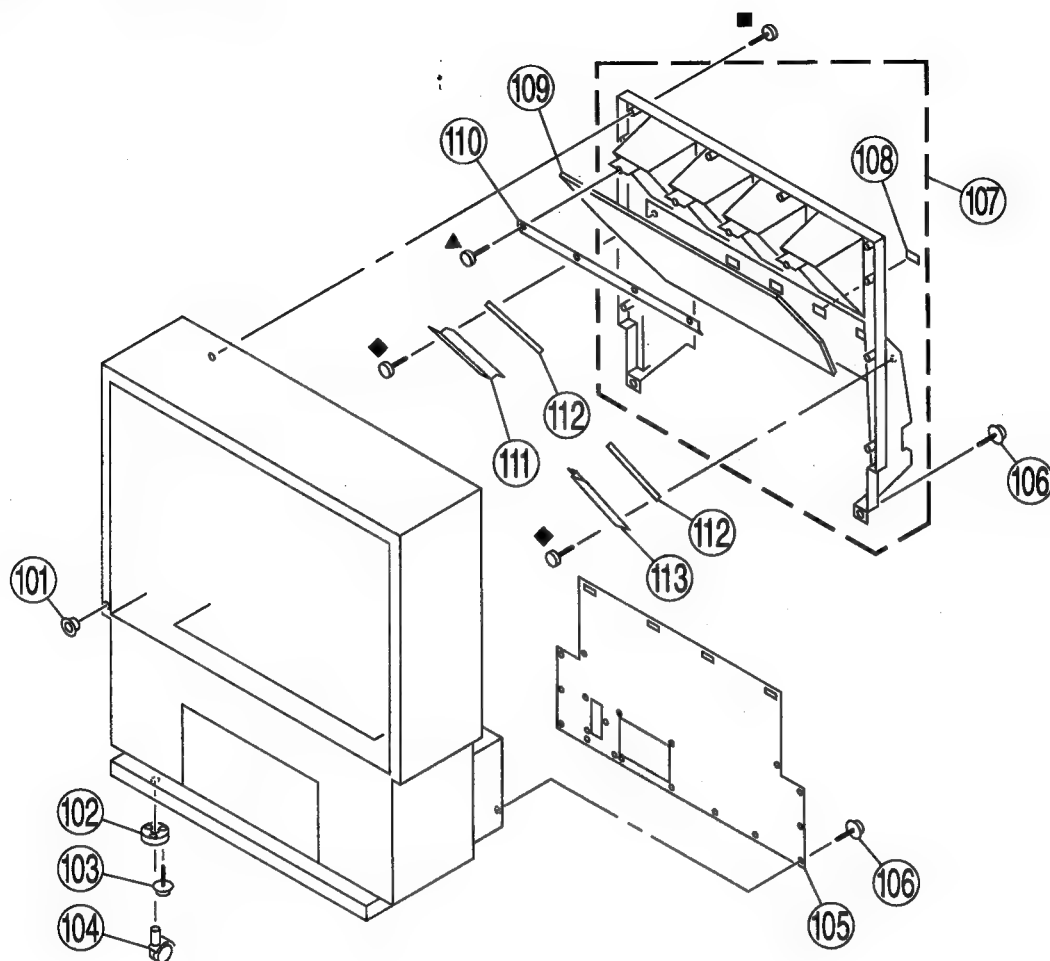
5-2. COVER (KP-61XBR48)



| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|----------------|----------------------------|--------|----------|----------------|------------------------------|-----------|
| 51 | X-4031-177-1 | FRAME ASSY, SCREEN | | 66 | 4-378-522-21 | SCREW, TAPPING, HEXAGON HEAD | |
| 52 | 4-041-164-11 | SCREW (4x20), TAPPING | | 67 | * A-1372-141-A | HB BOARD, COMPLETE | |
| 53 | 4-044-727-01 | HOLDER (S), SCREEN | | 68 | * A-1372-140-A | HA BOARD, COMPLETE | |
| 54 | 4-044-726-01 | HOLDER (L), SCREEN | | 69 | * 4-389-517-01 | GUIDE (R), LIGHT | |
| 55 | 4-044-725-11 | SCREEN (61), CONTRAST | | 70 | 4-381-686-01 | BRACKET (B), LIGHT GUIDE | |
| 56 | 4-040-124-11 | PLATE (L), DIFFUSION | | 71 | 4-041-165-01 | SCREW (3x12), TAPPING, +BV | |
| 57 | 4-040-123-11 | PLATE (F), DIFFUSION | | 72 | X-4033-120-1 | PANEL ASSY, CONTROL | 71, 73-79 |
| 58 | X-4033-008-1 | GRILLE (B) ASSY, SPEAKER | 59 | 73 | 4-040-584-01 | COVER, EDGE | |
| 59 | 4-838-438-00 | LATCH | | 74 | 4-036-511-31 | LID, CONTROL | |
| 60 | X-4033-005-1 | GRILLE (T/L) ASSY, SPEAKER | | 75 | 3-703-035-11 | SHAFT, LID | |
| 61 | 1-504-756-11 | SPEAKER (5CM) | | 76 | 4-392-036-01 | CATCHER, PUSH | |
| 62 | * 4-040-600-01 | BRACKET, SPEAKER GRILLE | | 77 | 4-036-510-21 | PANEL, INDICATOR | |
| 63 | X-4033-006-1 | GRILLE (T/R) ASSY, SPEAKER | | 78 | 3-720-417-01 | DAMPER, OIL | |
| 64 | 1-504-964-11 | SPEAKER (10CM) | | 79 | 4-036-513-01 | SPRING, LID | |
| 65 | 1-504-313-11 | SPEAKER (16CM) | | | | | |

5-3. MIRROR

- ▲ : 7-685-661-79 +BVTP 4x12
 ■ : 7-685-663-79 +BVTP 4x16
 ◆ : 7-685-665-79 +BVTP 4x25



| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|---------------|------------------------------|--------|
| 101 | 4-838-438-00 | LATCH | |
| 102 | 4-030-850-01 | SOCKET, CASTER | |
| 103 | 4-378-522-01 | SCREW, TAPPING, HEXAGON HEAD | |
| 104 | 4-039-546-01 | CASTER (KP-53XBR45) | |
| | 4-040-508-01 | CASTER (KP-61XBR48) | |
| 105 | *4-050-374-01 | BOARD, REAR (KP-61XBR48) | |
| | *4-050-394-01 | BOARD, REAR (KP-53XBR45) | |
| 106 | 4-041-164-11 | SCREW (4x20), TAPPING | |

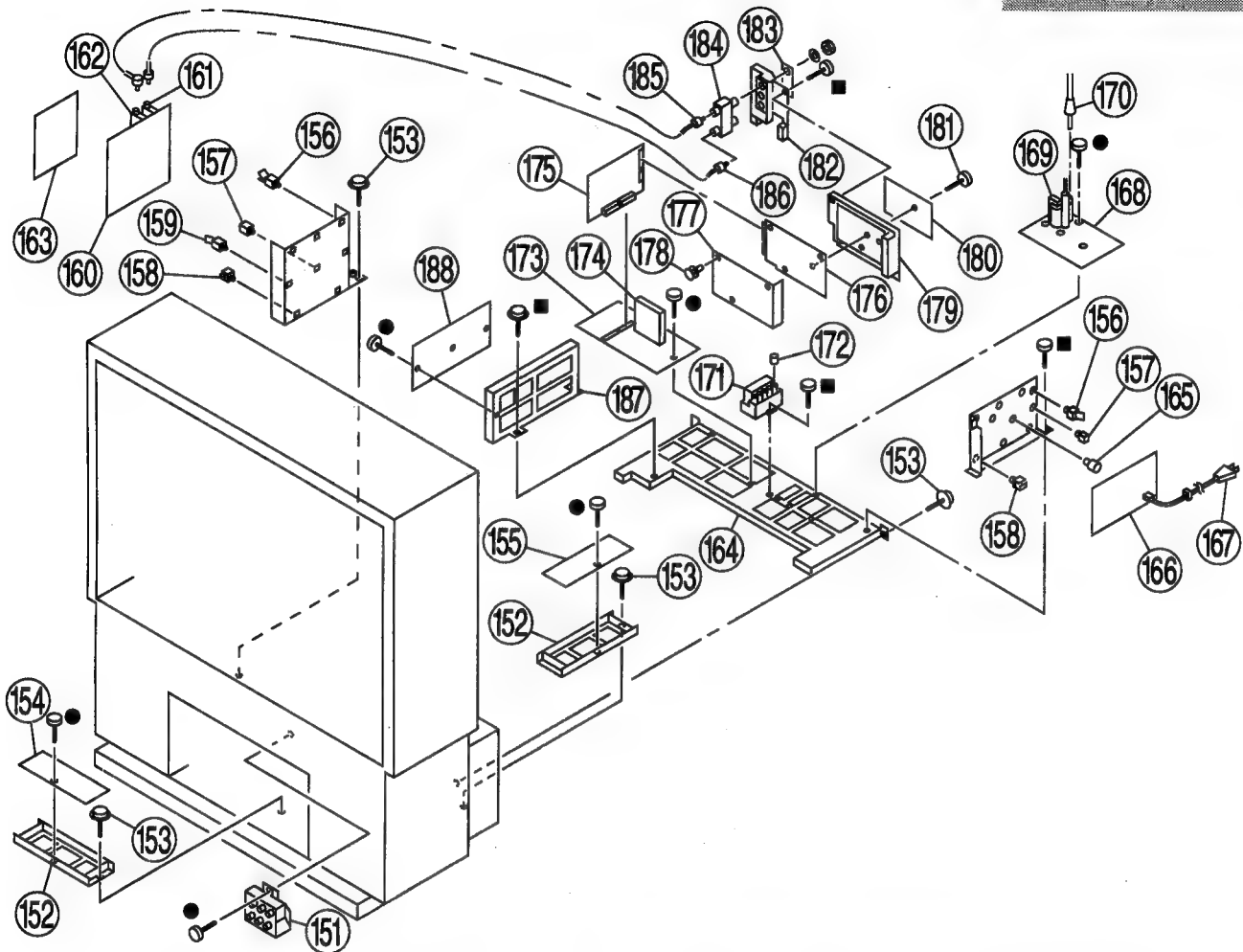
| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|---------------|----------------------|--------|
| 107 | X-4033-048-1 | COVER ASSY, MIRROR | 108 |
| 108 | 4-048-150-01 | CAP, HOLE | |
| 109 | 4-050-388-01 | MIRROR, REFLECTION | |
| 110 | *4-037-351-01 | HOLDER, MIRROR | |
| 111 | *4-049-097-01 | HOLDER (LEFT), SIDE | |
| 112 | *4-049-098-01 | CUSHION | |
| 113 | *4-049-096-01 | HOLDER (RIGHT), SIDE | |

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-4. CHASSIS

- : 7-685-648-79 +BVTP 3x12
■ : 7-685-663-79 +BVTP 4x16



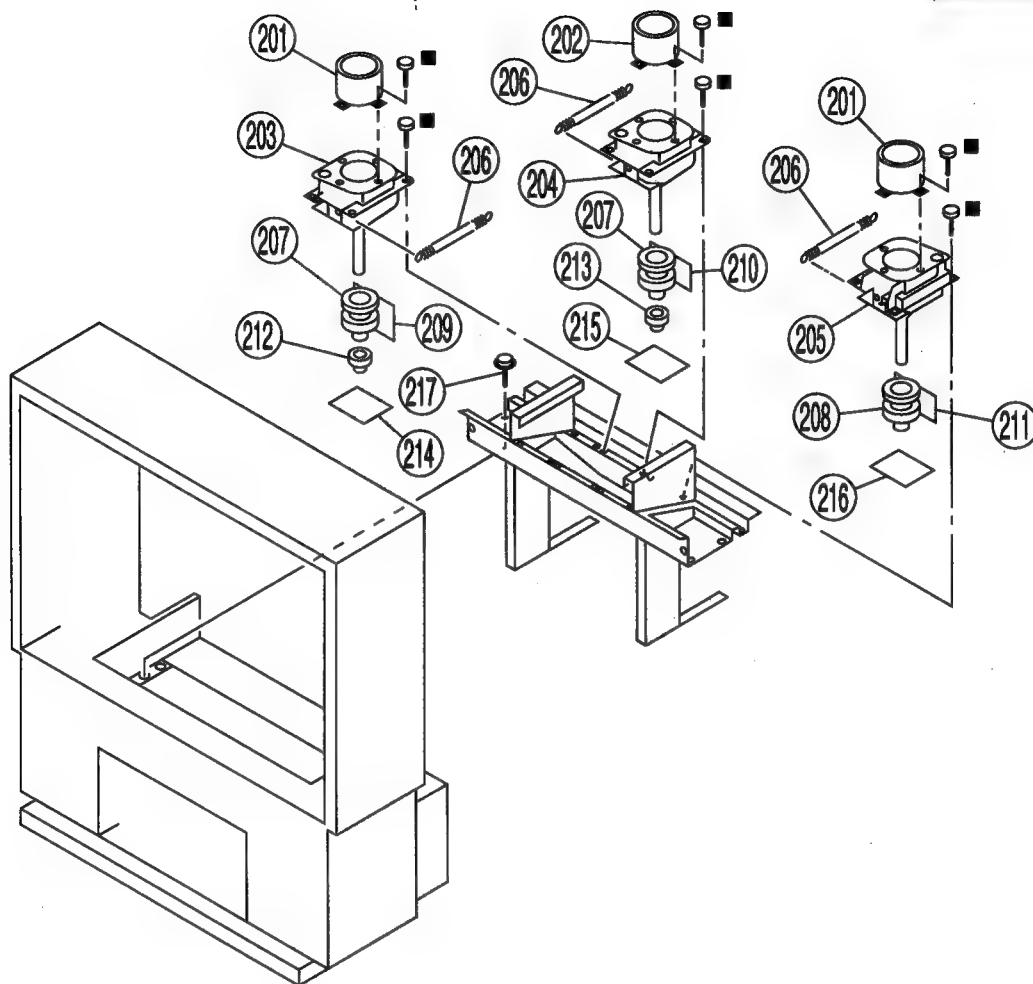
| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|-----------------------|--|--------|----------|-----------------------|---------------------------------|--------|
| 151 | Δ 1-223-925-11 | RESISTOR ASSY (HIGH-VOLTAGE) | | 170 | Δ 1-900-211-34 | LEAD ASSY, HV | |
| 152 | * 4-049-251-01 | BRACKET, K | | 171 | Δ 8-598-955-00 | BLOCK ASSY, HIGH-VOLTAGE | |
| 153 | 4-041-164-11 | SCREW (4x20), TAPPING | | 172 | 4-373-137-01 | CAP (Z), RUBBER | |
| 154 | * A-1380-498-A | K BOARD, COMPLETE (VAR) (KP-61XBR48) | | 173 | * A-1297-540-A | AA BOARD, COMPLETE (KP-53XBR45) | 174 |
| | * A-1380-499-A | K BOARD, COMPLETE (VAR) (KP-53XBR45) | | | * A-1297-622-A | AA BOARD, COMPLETE (KP-61XBR48) | 174 |
| 155 | * A-1311-436-A | GB BOARD, COMPLETE | | 174 | * A-1195-092-A | P5 BOARD, COMPLETE | |
| 156 | * 3-703-141-00 | HOLDER, BOARD | | 175 | * A-1306-507-A | M BOARD, COMPLETE | |
| 157 | * 4-382-848-01 | HOLDER, BOARD | | 176 | * A-1373-526-A | U BOARD, COMPLETE | |
| 158 | * 3-659-682-11 | HOLDER, BOARD | | 177 | * 4-050-387-01 | PLATE, SHIELD, U | |
| 159 | * 4-321-929-00 | HOLDER, BOARD | | 178 | 4-051-678-01 | RIVET, T TYPE | |
| 160 | * A-1297-539-A | AB BOARD, COMPLETE | | 179 | 4-047-951-21 | TERMINAL BOARD (A) | |
| 161 | Δ 8-598-254-00 | TUNER (BTP-WA402) | | 180 | 4-050-390-01 | LABEL (A), TERMINAL | |
| 162 | Δ 8-598-047-11 | TUNER, ET (BTF-LA401) | | 181 | 4-041-165-01 | SCREW (3x12), TAPPING, +BV | |
| 163 | * A-1394-673-A | X BOARD, COMPLETE | | 182 | 4-047-952-11 | TERMINAL BOARD (B) | |
| 164 | * 4-047-949-01 | BRACKET, MAIN BOARD | | 183 | 4-047-937-11 | LABEL (B), TERMINAL | |
| 165 | * 3-687-542-41 | SPACER, BOARD SPACE | | 184 | 1-251-321-11 | SELECTOR, ANTENNA | |
| 166 | * A-1316-229-A | G BOARD, COMPLETE | | 185 | * 1-751-136-11 | CABLE, PIN | |
| 167 | Δ 1-769-837-11 | CORD, POWER (WITH NOISE FILTER) | | 186 | * 1-751-135-11 | CABLE, PIN | |
| 168 | * A-1341-885-A | E BOARD, COMPLETE | | 187 | * 4-047-950-01 | BRACKET, D BOARD | |
| 169 | Δ 1-453-189-11 | TRANSFORMER ASSY, FLYBACK (NX-2631A48) | | 188 | * A-1346-296-A | D BOARD, COMPLETE | |

5-5. PICTURE TUBE

■ : 7-685-663-79 +BVTP 4x16

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

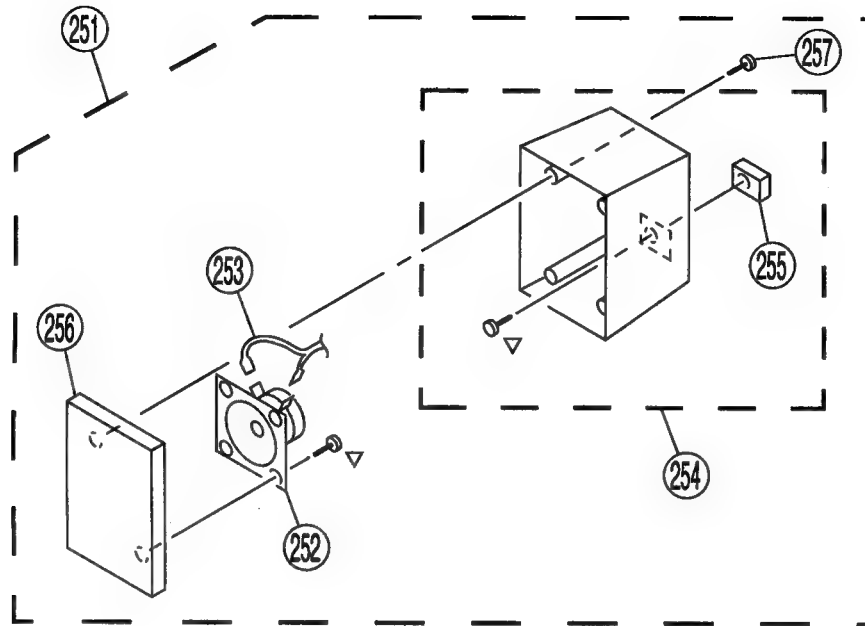


| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|-----------------------|------------------------------------|--------|
| 201 | 4-040-131-01 | LENS (LINNIT POINT 6) | |
| 202 | 4-040-131-11 | LENS (LINNIT POINT 6) | |
| 203 | Δ 8-736-644-05 | PICTURE TUBE 07MAC3(R) (LONG NECK) | |
| 204 | Δ 8-736-642-05 | PICTURE TUBE 07MAC2(G) (LONG NECK) | |
| 205 | Δ 8-736-643-05 | PICTURE TUBE 07MAC3(B) (LONG NECK) | |
| 206 | 4-048-142-01 | SPRING, TENSION | |
| 207 | Δ 1-451-441-11 | DEFLECTION YOKE, DY YS-35159 (R.G) | |
| 208 | Δ 1-451-441-21 | DEFLECTION YOKE, DY YS-35160 (B) | |
| 209 | * A-1390-487-A | ZR BOARD, COMPLETE | |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|-----------------------|-----------------------|--------|
| 210 | * A-1390-489-A | ZG BOARD, COMPLETE | |
| 211 | * A-1390-491-A | ZB BOARD, COMPLETE | |
| 212 | Δ 1-452-790-21 | NECK ASSY | |
| 213 | Δ 1-452-790-11 | NECK ASSY | |
| 214 | * A-1331-501-A | CR BOARD, COMPLETE | |
| 215 | * A-1331-502-A | CG BOARD, COMPLETE | |
| 216 | * A-1331-503-A | CB BOARD, COMPLETE | |
| 217 | 4-041-164-11 | SCREW (4x20), TAPPING | |

5-6. SPEAKER

▽ : 7-685-659-79 +BVTP 4x8



| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|-----------------------|---------|----------|--------------|------------------------|--------|
| 251 | A-4307-748-A | SS-SR151//C(A)(U) | | 255 | 1-537-775-11 | TERMINAL BOARD | |
| 252 | 1-504-877-11 | SPEAKER (8CM) | 252-257 | 256 | X-4946-077-1 | PANEL ASSY, FRONT | |
| 253 | 1-765-663-11 | CORD | | 257 | 4-929-125-01 | SCREW (M4x16), TAPPING | |
| 254 | X-4946-078-1 | CABINET ASSY, SPEAKER | 255 | | | | |

SECTION 6

ELECTRICAL PARTS LIST

AB

NOTE:

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

• The components identified by Δ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

• All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- All resistors are in ohms
- F : nonflammable

When indicating parts by reference number, please include the board name.

CAPACITORS

PF : $\mu\mu\text{F}$

• There are some cases the reference number on one board overlaps on the other board. Therefore, when ordering parts by the reference number, please include the board name.

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|--|--------------|-----------------------------------|-----------|
| * A-1297-539-A AB BOARD, COMPLETE ***** | | | |
| <CAPACITOR> | | | |
| C5212 | 1-164-161-11 | CERAMIC CHIP 0.0022 μF | 10% 50V |
| C7003 | 1-163-125-00 | CERAMIC CHIP 220PF | 5% 50V |
| C7004 | 1-163-125-00 | CERAMIC CHIP 220PF | 5% 50V |
| C7012 | 1-163-125-00 | CERAMIC CHIP 220PF | 5% 50V |
| C7020 | 1-163-125-00 | CERAMIC CHIP 220PF | 5% 50V |
| C7021 | 1-163-809-11 | CERAMIC CHIP 0.047 μF | 10% 25V |
| C7022 | 1-124-903-11 | ELECT 1 μF | 20% 50V |
| C7023 | 1-163-125-00 | CERAMIC CHIP 220PF | 5% 50V |
| C7028 | 1-163-141-00 | CERAMIC CHIP 0.001 μF | 5% 50V |
| C7029 | 1-126-933-11 | ELECT 100 μF | 20% 16V |
| C7037 | 1-163-239-11 | CERAMIC CHIP 33PF | 5% 50V |
| C7038 | 1-163-239-11 | CERAMIC CHIP 33PF | 5% 50V |
| C7043 | 1-163-037-11 | CERAMIC CHIP 0.022 μF | 10% 25V |
| C7045 | 1-126-967-11 | ELECT 47 μF | 20% 16V |
| C7047 | 1-163-229-11 | CERAMIC CHIP 12PF | 5% 50V |
| C7048 | 1-163-102-00 | CERAMIC CHIP 24PF | 5% 50V |
| C7051 | 1-163-031-11 | CERAMIC CHIP 0.01 μF | 5% 50V |
| C7056 | 1-126-964-11 | ELECT 10 μF | 20% 50V |
| C7058 | 1-163-038-91 | CERAMIC CHIP 0.1 μF | 25V |
| C7068 | 1-163-125-00 | CERAMIC CHIP 220PF | 5% 50V |
| C7070 | 1-126-964-11 | ELECT 10 μF | 20% 50V |
| C7203 | 1-164-004-11 | CERAMIC CHIP 0.1 μF | 10% 25V |
| C7204 | 1-126-964-11 | ELECT 10 μF | 20% 50V |
| C7205 | 1-126-933-11 | ELECT 100 μF | 20% 16V |
| C7206 | 1-164-161-11 | CERAMIC CHIP 0.0022 μF | 10% 50V |
| C7207 | 1-126-934-11 | ELECT 220 μF | 20% 16V |
| C7208 | 1-124-122-11 | ELECT 100 μF | 20% 50V |
| C7209 | 1-126-934-11 | ELECT 220 μF | 20% 16V |
| C7210 | 1-126-964-11 | ELECT 10 μF | 20% 50V |
| C7211 | 1-126-933-11 | ELECT 100 μF | 20% 16V |
| C7212 | 1-164-004-11 | CERAMIC CHIP 0.1 μF | 10% 25V |
| C7213 | 1-124-903-11 | ELECT 1 μF | 20% 50V |
| C7214 | 1-124-903-11 | ELECT 1 μF | 20% 50V |
| C7219 | 1-124-903-11 | ELECT 1 μF | 20% 50V |
| C7225 | 1-164-004-11 | CERAMIC CHIP 0.1 μF | 10% 25V |
| C7226 | 1-164-232-11 | CERAMIC CHIP 0.01 μF | 10% 50V |
| C7227 | 1-164-004-11 | CERAMIC CHIP 0.1 μF | 10% 25V |
| C7228 | 1-164-004-11 | CERAMIC CHIP 0.1 μF | 10% 25V |
| C7229 | 1-164-232-11 | CERAMIC CHIP 0.01 μF | 10% 50V |
| C7230 | 1-164-004-11 | CERAMIC CHIP 0.1 μF | 10% 25V |
| C7239 | 1-163-037-11 | CERAMIC CHIP 0.022 μF | 10% 25V |
| C7301 | 1-163-227-11 | CERAMIC CHIP 10PF | 0.5PF 50V |
| C7302 | 1-163-227-11 | CERAMIC CHIP 10PF | 0.5PF 50V |
| C7303 | 1-126-964-11 | ELECT 10 μF | 20% 50V |
| C7304 | 1-126-964-11 | ELECT 10 μF | 20% 50V |
| C7306 | 1-126-964-11 | ELECT 10 μF | 20% 50V |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|-------------|----------------|-----------------------------------|---------|
| C7307 | 1-126-933-11 | ELECT 100 μF | 20% 16V |
| C7309 | 1-124-903-11 | ELECT 1 μF | 20% 50V |
| C7310 | 1-163-038-91 | CERAMIC CHIP 0.1 μF | 25V |
| C7311 | 1-126-964-11 | ELECT 10 μF | 20% 50V |
| C7312 | 1-163-009-11 | CERAMIC CHIP 0.001 μF | 10% 50V |
| C7313 | 1-126-967-11 | ELECT 47 μF | 20% 16V |
| C7315 | 1-163-251-11 | CERAMIC CHIP 100PF | 5% 50V |
| C7316 | 1-163-251-11 | CERAMIC CHIP 100PF | 5% 50V |
| C7317 | 1-163-251-11 | CERAMIC CHIP 100PF | 5% 50V |
| C7320 | 1-164-232-11 | CERAMIC CHIP 0.01 μF | 10% 50V |
| C7321 | 1-126-964-11 | ELECT 10 μF | 20% 50V |
| C7323 | 1-164-004-11 | CERAMIC CHIP 0.1 μF | 10% 25V |
| C7324 | 1-163-038-91 | CERAMIC CHIP 0.1 μF | 25V |
| C7325 | 1-126-964-11 | ELECT 10 μF | 20% 50V |
| C7326 | 1-164-004-11 | CERAMIC CHIP 0.1 μF | 10% 25V |
| C7327 | 1-126-964-11 | ELECT 10 μF | 20% 50V |
| C7328 | 1-164-004-11 | CERAMIC CHIP 0.1 μF | 10% 25V |
| C7329 | 1-164-004-11 | CERAMIC CHIP 0.1 μF | 10% 25V |
| C7330 | 1-163-251-11 | CERAMIC CHIP 100PF | 5% 50V |
| C7332 | 1-163-141-00 | CERAMIC CHIP 0.001 μF | 5% 50V |
| C7333 | 1-164-695-11 | CERAMIC CHIP 0.0022 μF | 5% 50V |
| C7334 | 1-164-232-11 | CERAMIC CHIP 0.01 μF | 10% 50V |
| C7337 | 1-164-004-11 | CERAMIC CHIP 0.1 μF | 10% 25V |
| C7338 | 1-126-964-11 | ELECT 10 μF | 20% 50V |
| C7339 | 1-163-251-11 | CERAMIC CHIP 100PF | 5% 50V |
| C7418 | 1-126-935-11 | ELECT 470 μF | 20% 16V |
| <CONNECTOR> | | | |
| CN6001 | * 1-564-510-11 | PLUG, CONNECTOR 7P | |
| CN6002 | * 1-564-507-11 | PLUG, CONNECTOR 4P | |
| CN6003 | * 1-564-508-11 | PLUG, CONNECTOR 5P | |
| CN6004 | * 1-564-513-11 | PLUG, CONNECTOR 10P | |
| CN6005 | * 1-564-513-11 | PLUG, CONNECTOR 10P | |
| CN6006 | * 1-564-509-11 | PLUG, CONNECTOR 6P | |
| CN6007 | * 1-770-680-11 | CONNECTOR, BOARD TO BOARD (PLUG) | |
| CN6008 | * 1-564-508-11 | PLUG, CONNECTOR 5P | |
| CN6010 | * 1-564-515-11 | PLUG, CONNECTOR 12P | |
| CN6011 | * 1-564-514-11 | PLUG, CONNECTOR 11P | |
| CN6012 | * 1-564-506-11 | PLUG, CONNECTOR 3P | |
| <DIODE> | | | |
| D7001 | 8-719-404-46 | DIODE MA110 | |
| D7002 | 8-719-404-46 | DIODE MA110 | |
| D7003 | 8-719-404-46 | DIODE MA110 | |
| D7004 | 8-719-404-46 | DIODE MA110 | |
| D7024 | 8-719-404-46 | DIODE MA110 | |
| D7025 | 8-719-404-46 | DIODE MA110 | |
| D7027 | 8-719-404-46 | DIODE MA110 | |
| D7028 | 8-719-404-46 | DIODE MA110 | |
| D7029 | 8-719-404-46 | DIODE MA110 | |
| D7202 | 8-719-043-13 | DIODE MA3330-H-TX | |

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AB

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|------------------|----------|
| R7114 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R7115 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R7116 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R7117 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R7118 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7119 | 1-216-037-00 | METAL GLAZE 330 | 5% 1/10W |
| R7120 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R7125 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R7126 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7127 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7128 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R7129 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R7130 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W |
| R7132 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R7135 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R7136 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R7201 | 1-216-059-00 | METAL GLAZE 2.7K | 5% 1/10W |
| R7202 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R7203 | 1-216-083-00 | METAL GLAZE 27K | 5% 1/10W |
| R7204 | 1-216-689-11 | METAL GLAZE 39K | 5% 1/10W |
| R7205 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7206 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7207 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7208 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7212 | 1-216-083-00 | METAL GLAZE 27K | 5% 1/10W |
| R7213 | 1-216-689-11 | METAL GLAZE 39K | 5% 1/10W |
| R7214 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7216 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7217 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R7219 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R7221 | 1-216-184-00 | METAL GLAZE 270 | 5% 1/8W |
| R7222 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7231 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |
| R7232 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |
| R7236 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R7237 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R7244 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R7245 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7246 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7248 | 1-216-184-00 | METAL GLAZE 270 | 5% 1/8W |
| R7249 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R7250 | 1-216-017-91 | METAL GLAZE 47 | 5% 1/10W |
| R7252 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7254 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7259 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R7264 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R7266 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R7267 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7301 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7302 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7303 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7304 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7305 | 1-216-121-91 | METAL GLAZE 1M | 5% 1/10W |
| R7306 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R7307 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7308 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7309 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7310 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7311 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7312 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7313 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7314 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7315 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7316 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7317 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7318 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7319 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R7320 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R7321 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|------------------|----------|
| R7323 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7324 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7325 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7330 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7331 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7332 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7333 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7334 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W |
| R7335 | 1-216-097-91 | METAL GLAZE 100K | 5% 1/10W |
| R7336 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7337 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7338 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7339 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7340 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7341 | 1-216-045-00 | METAL GLAZE 680 | 5% 1/10W |
| R7342 | 1-216-035-00 | METAL GLAZE 270 | 5% 1/10W |
| R7343 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R7345 | 1-216-045-00 | METAL GLAZE 680 | 5% 1/10W |
| R7347 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R7348 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R7350 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7352 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7362 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7363 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7366 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7370 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7379 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7385 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7386 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7387 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7388 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7389 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R7392 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R7399 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W |
| R7421 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R7422 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7423 | 1-216-045-00 | METAL GLAZE 680 | 5% 1/10W |
| R7424 | 1-216-045-00 | METAL GLAZE 680 | 5% 1/10W |
| R7605 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7606 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7611 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R7625 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7626 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7631 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R7645 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7646 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7649 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7650 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7651 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R7652 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R7693 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R7694 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R7695 | 1-216-091-00 | METAL GLAZE 56K | 5% 1/10W |
| R7696 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |
| R7697 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |

<TUNER>

TU7201 Δ 8-598-254-00 TUNER BTF-WA402
TU7202 Δ 8-598-047-11 TUNER BTF-LA401

<CRYSTAL>

X7001 1-760-817-11 VIBRATOR, CRYSTAL
X7301 1-567-925-11 VIBRATOR, CRYSTAL

AA

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|--|--------------|-------------|-----------------|
| * A-1297-540-A AA BOARD, COMPLETE (KP-53XBR45) | | | |
| ***** | | | |
| * A-1297-622-A AA BOARD, COMPLETE (KP-61XBR48) | | | |
| ***** | | | |
| 4-382-854-11 SCREW (M3X10), P, SW (+) | | | |
| <CAPACITOR> | | | |
| C301 | 1-104-665-11 | ELECT | 100μF 20% 25V |
| C302 | 1-104-664-11 | ELECT | 47μF 20% 25V |
| C303 | 1-104-665-11 | ELECT | 100μF 20% 25V |
| C304 | 1-104-665-11 | ELECT | 100μF 20% 25V |
| C305 | 1-104-665-11 | ELECT | 100μF 20% 25V |
| C306 | 1-104-664-11 | ELECT | 47μF 20% 25V |
| C307 | 1-137-372-11 | FILM | 0.022μF 5% 50V |
| C308 | 1-137-374-11 | FILM | 0.047μF 5% 50V |
| C309 | 1-126-934-11 | ELECT | 220μF 20% 16V |
| C310 | 1-126-964-11 | ELECT | 10μF 20% 50V |
| C311 | 1-102-116-00 | CERAMIC | 680PF 10% 50V |
| C312 | 1-126-934-11 | ELECT | 220μF 20% 16V |
| C313 | 1-126-933-11 | ELECT | 100μF 20% 16V |
| C314 | 1-126-964-11 | ELECT | 10μF 20% 50V |
| C315 | 1-126-964-11 | ELECT | 10μF 20% 50V |
| C316 | 1-126-964-11 | ELECT | 10μF 20% 50V |
| C319 | 1-124-927-11 | ELECT | 4.7μF 20% 50V |
| C320 | 1-126-934-11 | ELECT | 220μF 20% 16V |
| C321 | 1-124-927-11 | ELECT | 4.7μF 20% 50V |
| C322 | 1-137-193-11 | FILM | 0.39μF 5% 50V |
| C323 | 1-130-489-00 | FILM | 0.033μF 5% 50V |
| C324 | 1-126-967-11 | ELECT | 47μF 20% 50V |
| C325 | 1-124-925-11 | ELECT | 2.2μF 20% 50V |
| C326 | 1-137-365-11 | FILM | 0.0015μF 5% 50V |
| C327 | 1-137-399-11 | FILM | 0.1μF 5% 50V |
| C328 | 1-137-399-11 | FILM | 0.1μF 5% 50V |
| C329 | 1-130-489-00 | FILM | 0.033μF 5% 50V |
| C330 | 1-137-399-11 | FILM | 0.1μF 5% 50V |
| C331 | 1-137-399-11 | FILM | 0.1μF 5% 50V |
| C332 | 1-124-903-11 | ELECT | 1μF 20% 50V |
| C333 | 1-124-902-00 | ELECT | 0.47μF 20% 50V |
| C334 | 1-124-902-00 | ELECT | 0.47μF 20% 50V |
| C335 | 1-131-363-00 | TANTALUM | 4.7μF 10% 16V |
| C336 | 1-131-363-00 | TANTALUM | 4.7μF 10% 16V |
| C337 | 1-124-902-00 | ELECT | 0.47μF 20% 50V |
| C338 | 1-124-902-00 | ELECT | 0.47μF 20% 50V |
| C339 | 1-124-903-11 | ELECT | 1μF 20% 50V |
| C340 | 1-126-934-11 | ELECT | 220μF 20% 16V |
| C341 | 1-131-363-00 | TANTALUM | 4.7μF 10% 16V |
| C342 | 1-131-363-00 | TANTALUM | 4.7μF 10% 16V |
| C343 | 1-126-964-11 | ELECT | 10μF 20% 50V |
| C344 | 1-136-167-00 | FILM | 0.15μF 5% 50V |
| C345 | 1-136-167-00 | FILM | 0.15μF 5% 50V |
| C346 | 1-131-368-00 | TANTALUM | 3.3μF 10% 16V |
| C347 | 1-131-368-00 | TANTALUM | 3.3μF 10% 16V |
| C348 | 1-136-167-00 | FILM | 0.15μF 5% 50V |
| C349 | 1-136-167-00 | FILM | 0.15μF 5% 50V |
| C350 | 1-104-664-11 | ELECT | 47μF 20% 25V |
| C353 | 1-107-698-11 | ELECT | 10μF 20% 25V |
| C354 | 1-137-366-11 | FILM | 0.0022μF 5% 50V |
| C355 | 1-137-366-11 | FILM | 0.0022μF 5% 50V |
| C356 | 1-104-664-11 | ELECT | 47μF 20% 25V |
| C359 | 1-107-698-11 | ELECT | 10μF 20% 25V |
| C360 | 1-137-366-11 | FILM | 0.0022μF 5% 50V |
| C361 | 1-137-366-11 | FILM | 0.0022μF 5% 50V |
| C362 | 1-126-965-11 | ELECT | 22μF 20% 50V |
| C363 | 1-126-965-11 | ELECT | 22μF 20% 50V |
| C364 | 1-107-698-11 | ELECT | 10μF 20% 25V |
| C365 | 1-107-698-11 | ELECT | 10μF 20% 25V |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|-------------|----------------|-------------------------------|-------------------|
| C368 | 1-137-399-11 | FILM | 0.1μF 5% 50V |
| C369 | 1-137-399-11 | FILM | 0.1μF 5% 50V |
| C370 | 1-137-399-11 | FILM | 0.1μF 5% 50V |
| C371 | 1-137-399-11 | FILM | 0.1μF 5% 50V |
| C372 | 1-137-399-11 | FILM | 0.1μF 5% 50V |
| C373 | 1-137-399-11 | FILM | 0.1μF 5% 50V |
| C374 | 1-137-399-11 | FILM | 0.1μF 5% 50V |
| C375 | 1-137-399-11 | FILM | 0.1μF 5% 50V |
| C376 | 1-124-903-11 | ELECT | 1μF 20% 50V |
| C378 | 1-124-903-11 | ELECT | 1μF 20% 50V |
| C380 | 1-126-964-11 | ELECT | 10μF 20% 50V |
| C385 | 1-137-399-11 | FILM | 0.1μF 5% 50V |
| C387 | 1-124-120-11 | ELECT | 220μF 20% 25V |
| C388 | 1-124-120-11 | ELECT | 220μF 20% 25V |
| C389 | 1-126-964-11 | ELECT | 10μF 20% 50V |
| C390 | 1-126-964-11 | ELECT | 10μF 20% 50V |
| C501 | 1-124-902-00 | ELECT | 0.47μF 20% 50V |
| C502 | 1-104-664-11 | ELECT | 47μF 20% 25V |
| C503 | 1-137-370-11 | FILM | 0.01μF 5% 50V |
| C504 | 1-102-973-00 | CERAMIC | 100PF 5% 50V |
| C505 | 1-137-372-11 | FILM | 0.022μF 5% 50V |
| C506 | 1-123-024-21 | ELECT | 33μF 10% 160V |
| C507 | 1-107-368-11 | FILM | 0.047μF 10% 200V |
| C508 | 1-107-638-11 | ELECT | 33μF 20% 160V |
| C509 | 1-107-368-11 | FILM | 0.047μF 10% 200V |
| C510 | 1-102-030-00 | CERAMIC | 330PF 10% 500V |
| C511 | 1-137-414-11 | FILM | 0.0047μF 10% 100V |
| C512 | 1-162-115-00 | CERAMIC | 330PF 10% 2KV |
| C513 | 1-136-598-11 | FILM | 3μF 5% 200V |
| C514 | 1-136-613-11 | FILM | 0.0068μF 3% 2KV |
| C515 | 1-162-114-00 | CERAMIC | 0.0047μF 2KV |
| C516 | 1-107-719-11 | ELECT | 220μF 20% 50V |
| C517 | 1-126-971-11 | ELECT | 470μF 20% 50V |
| C518 | 1-126-971-11 | ELECT | 470μF 20% 50V |
| C519 | 1-124-903-11 | ELECT | 1μF 20% 50V |
| <CONNECTOR> | | | |
| CN301 | * 1-564-513-11 | PLUG, CONNECTOR 10P | |
| CN302 | * 1-564-509-11 | PLUG, CONNECTOR 6P | |
| CN303 | * 1-564-513-11 | PLUG, CONNECTOR 10P | |
| CN304 | 1-573-298-21 | CONNECTOR, BOARD TO BOARD 20P | |
| CN305 | 1-573-298-21 | CONNECTOR, BOARD TO BOARD 20P | |
| CN306 | * 1-564-510-11 | PLUG, CONNECTOR 7P | |
| CN307 | * 1-564-509-11 | PLUG, CONNECTOR 6P | |
| CN308 | 1-695-915-11 | TAB (CONTACT) | |
| CN311 | * 1-691-134-11 | PIN, CONNECTOR (PC BOARD) 2P | |
| CN312 | * 1-573-986-11 | PIN, CONNECTOR (PC BOARD) 5P | |
| CN511 | * 1-580-689-11 | PIN, CONNECTOR (PC BOARD) 4P | |
| CN527 | * 1-573-963-11 | PIN, CONNECTOR (PC BOARD) 3P | |
| CN528 | 1-695-915-11 | TAB (CONTACT) | |
| CN541 | * 1-580-689-11 | PIN, CONNECTOR (PC BOARD) 4P | |
| CN571 | * 1-580-689-11 | PIN, CONNECTOR (PC BOARD) 4P | |
| <DIODE> | | | |
| D301 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D302 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D303 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D304 | 8-719-110-56 | DIODE RD22ESB1 | |
| D305 | 8-719-110-56 | DIODE RD22ESB1 | |
| D313 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D501 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D502 | 8-719-109-72 | DIODE RD3.9ESB2 | |
| D504 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D505 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D506 | 8-719-300-80 | DIODE RU-1C | |
| D507 | 8-719-018-82 | DIODE RGP02-20EL-6394 | |
| D509 | 8-719-900-95 | DIODE V09G (KP-53XBR45) | |

AA

P5

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|--------------|--------------|---------------------------------|--------|
| D510 | 8-719-900-95 | DIODE V09G (KP-53XBR45) | |
| D511 | 8-719-991-33 | DIODE 1SS133T-77 | |
| <IC> | | | |
| IC301 | 8-759-069-28 | IC PQ05RF11 | |
| IC302 | 8-759-095-63 | IC PQ09RF2 | |
| IC303 | 8-759-231-58 | IC TA7812S | |
| IC304 | 8-759-248-74 | IC LA2785 | |
| IC305 | 8-759-341-23 | IC LV1011 | |
| IC306 | 8-759-264-31 | IC TDA7315 | |
| IC307 | 8-759-264-31 | IC TDA7315 | |
| IC309 | 8-759-145-58 | IC uPC4558C | |
| <COIL> | | | |
| L501 | 1-411-189-11 | COIL, CHOKE 15mH | |
| L503 | 1-406-832-11 | COIL, HORIZONTAL LINEARITY(HLC) | |
| L504 | 1-410-470-11 | INDUCTOR 10μH | |
| <TRANSISTOR> | | | |
| Q312 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| Q501 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q502 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q503 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| Q504 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| Q505 | 8-729-119-80 | TRANSISTOR 2SC2688-LK | |
| Q506 | 8-729-201-32 | TRANSISTOR 2SA1013-O | |
| Q507 | 8-729-304-92 | TRANSISTOR 2SB649A-C | |
| Q508 | 8-729-201-32 | TRANSISTOR 2SA1013-O | |
| Q509 | 8-729-010-98 | TRANSISTOR 2SA1492M-OPY | |
| Q510 | 8-729-021-48 | TRANSISTOR 2SD2348LBSONY | |
| Q511 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| <RESISTOR> | | | |
| R301 | 1-247-807-31 | CARBON 100 5% | 1/4W |
| R302 | 1-247-807-31 | CARBON 100 5% | 1/4W |
| R303 | 1-247-807-31 | CARBON 100 5% | 1/4W |
| R304 | 1-247-903-00 | CARBON 1M 5% | 1/4W |
| R305 | 1-247-807-31 | CARBON 100 5% | 1/4W |
| R306 | 1-247-807-31 | CARBON 100 5% | 1/4W |
| R307 | 1-247-807-31 | CARBON 100 5% | 1/4W |
| R308 | 1-249-436-11 | CARBON 39K 5% | 1/4W |
| R310 | 1-249-432-11 | CARBON 18K 5% | 1/4W |
| R311 | 1-249-436-11 | CARBON 39K 5% | 1/4W |
| R312 | 1-249-413-11 | CARBON 470 5% | 1/4W |
| R314 | 1-249-413-11 | CARBON 470 5% | 1/4W |
| R321 | 1-249-437-11 | CARBON 47K 5% | 1/4W |
| R327 | 1-215-462-00 | METAL 51K 1% | 1/4W |
| R328 | 1-249-437-11 | CARBON 47K 5% | 1/4W |
| R330 | 1-247-807-31 | CARBON 100 5% | 1/4W |
| R331 | 1-247-807-31 | CARBON 100 5% | 1/4W |
| R332 | 1-215-462-00 | METAL 51K 1% | 1/4W |
| R334 | 1-247-807-31 | CARBON 100 5% | 1/4W |
| R335 | 1-247-807-31 | CARBON 100 5% | 1/4W |
| R339 | 1-249-430-11 | CARBON 12K 5% | 1/4W |
| R340 | 1-249-426-11 | CARBON 5.6K 5% | 1/4W |
| R341 | 1-249-426-11 | CARBON 5.6K 5% | 1/4W |
| R342 | 1-249-448-11 | CARBON 1.2 5% | 1/4W |
| R343 | 1-249-426-11 | CARBON 5.6K 5% | 1/4W |
| R344 | 1-249-426-11 | CARBON 5.6K 5% | 1/4W |
| R345 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| R346 | 1-249-430-11 | CARBON 12K 5% | 1/4W |
| R347 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| R348 | 1-216-387-11 | METAL OXIDE 0.68 5% | 3W F |
| R376 | 1-249-417-11 | CARBON 1K 5% | 1/4W |
| R378 | 1-249-429-11 | CARBON 10K 5% | 1/4W |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|-----------------------------------|--------------|-------------------------------|-------------------|
| R380 | 1-249-427-11 | CARBON 6.8K 5% | 1/4W |
| R381 | 1-249-427-11 | CARBON 6.8K 5% | 1/4W |
| R501 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W |
| R502 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| R503 | 1-249-441-11 | CARBON 100K 5% | 1/4W |
| R504 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| R505 | 1-215-437-00 | METAL 4.7K 1% | 1/4W |
| R506 | 1-215-433-00 | METAL 3.3K 1% | 1/4W |
| R507 | 1-249-407-11 | CARBON 150 5% | 1/4W |
| R508 | 1-215-429-00 | METAL 2.2K 1% | 1/4W |
| R509 | 1-249-423-11 | CARBON 3.3K 5% | 1/4W |
| R510 | 1-249-417-11 | CARBON 1K 5% | 1/4W |
| R511 | 1-247-895-91 | CARBON 470K 5% | 1/4W |
| R512 | 1-215-925-11 | METAL OXIDE 22K 5% | 3W F |
| R513 | 1-215-900-11 | METAL OXIDE 22K 5% | 2W F |
| R514 | 1-249-421-11 | CARBON 2.2K 5% | 1/4W F |
| R515 | 1-215-925-11 | METAL OXIDE 22K 5% | 3W F |
| R516 | 1-249-430-11 | CARBON 12K 5% | 1/4W F |
| R517 | 1-249-429-11 | CARBON 10K 5% | 1/4W |
| R518 | 1-249-427-11 | CARBON 6.8K 5% | 1/4W F |
| R519 | 1-249-417-11 | CARBON 1K 5% | 1/4W |
| R520 | 1-249-423-11 | CARBON 3.3K 5% | 1/4W F |
| R521 | 1-249-437-11 | CARBON 47K 5% | 1/4W |
| R522 | 1-249-417-11 | CARBON 1K 5% | 1/4W F |
| R523 | 1-249-426-11 | CARBON 5.6K 5% | 1/4W F |
| R524 | 1-215-925-11 | METAL OXIDE 22K 5% | 3W F |
| R525 | 1-216-373-11 | METAL OXIDE 2.2 5% | 2W F |
| R526 | 1-216-478-11 | METAL OXIDE 390 5% | 3W F |
| R528 | 1-216-477-11 | METAL OXIDE 270 5% | 3W F (KP-53XBR45) |
| R529 | 1-216-477-11 | METAL OXIDE 270 5% | 3W F (KP-53XBR45) |
| R530 | 1-216-477-11 | METAL OXIDE 270 5% | 3W F (KP-53XBR45) |
| R531 | 1-216-477-11 | METAL OXIDE 270 5% | 3W F (KP-53XBR45) |
| R532 | 1-215-442-00 | METAL 7.5K 1% | 1/4W |
| R533 | 1-215-443-00 | METAL 8.2K 1% | 1/4W |
| R534 | 1-215-437-00 | METAL 4.7K 1% | 1/4W |
| <RELAY> | | | |
| RY301 | 1-755-028-11 | RELAY | |
| <TRANSFORMER> | | | |
| T501 | 1-437-078-00 | TRANSFORMER, HORIZONTAL DRIVE | |
| <CRYSTAL> | | | |
| X301 | 1-579-125-11 | VIBRATOR, CERAMIC | |
| ***** | | | |
| * A-1195-092-A P5 BOARD, COMPLETE | | | |
| ***** | | | |
| | 3-531-576-21 | RIVET | |
| | 3-741-396-01 | INSULATOR | |
| <CAPACITOR> | | | |
| C2001 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2002 | 1-126-967-11 | ELECT 47μF | 20% 16V |
| C2003 | 1-163-243-11 | CERAMIC CHIP 47PF | 5% 50V |
| C2004 | 1-164-232-11 | CERAMIC CHIP 0.01μF | 10% 50V |
| C2005 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2006 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |

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| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|-----------------------|-----------|
| C2008 | 1-164-232-11 | CERAMIC CHIP 0.01μF | 10% 50V |
| C2009 | 1-126-933-11 | ELECT 100μF | 20% 10V |
| C2010 | 1-163-253-11 | CERAMIC CHIP 120PF | 5% 50V |
| C2012 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2013 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2014 | 1-163-097-00 | CERAMIC CHIP 15PF | 5% 50V |
| C2015 | 1-126-967-11 | ELECT 47μF | 20% 16V |
| C2016 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C2017 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2018 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C2019 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2020 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2021 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2022 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C2023 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C2024 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C2025 | 1-164-232-11 | CERAMIC CHIP 0.01μF | 10% 50V |
| C2026 | 1-163-275-11 | CERAMIC CHIP 0.001μF | 5% 50V |
| C2027 | 1-164-232-11 | CERAMIC CHIP 0.01μF | 10% 50V |
| C2028 | 1-164-232-11 | CERAMIC CHIP 0.01μF | 10% 50V |
| C2029 | 1-164-232-11 | CERAMIC CHIP 0.01μF | 10% 50V |
| C2030 | 1-163-125-00 | CERAMIC CHIP 220PF | 5% 50V |
| C2031 | 1-163-145-00 | CERAMIC CHIP 0.0015μF | 5% 50V |
| C2032 | 1-124-902-00 | ELECT 0.47μF | 20% 50V |
| C2034 | 1-163-241-11 | CERAMIC CHIP 39PF | 5% 50V |
| C2035 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2036 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2037 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2038 | 1-124-927-11 | ELECT 4.7μF | 20% 50V |
| C2040 | 1-126-967-11 | ELECT 47μF | 20% 16V |
| C2042 | 1-164-232-11 | CERAMIC CHIP 0.01μF | 10% 50V |
| C2043 | 1-163-235-11 | CERAMIC CHIP 22PF | 5% 50V |
| C2044 | 1-124-927-11 | ELECT 4.7μF | 20% 50V |
| C2045 | 1-126-967-11 | ELECT 47μF | 20% 16V |
| C2046 | 1-163-227-11 | CERAMIC CHIP 10PF | 0.5PF 50V |
| C2047 | 1-163-227-11 | CERAMIC CHIP 10PF | 0.5PF 50V |
| C2048 | 1-163-113-00 | CERAMIC CHIP 68PF | 5% 50V |
| C2049 | 1-126-967-11 | ELECT 47μF | 20% 16V |
| C2050 | 1-164-232-11 | CERAMIC CHIP 0.01μF | 10% 50V |
| C2051 | 1-163-251-11 | CERAMIC CHIP 100PF | 5% 50V |
| C2055 | 1-164-232-11 | CERAMIC CHIP 0.01μF | 10% 50V |
| C2056 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C2057 | 1-164-232-11 | CERAMIC CHIP 0.01μF | 10% 50V |
| C2058 | 1-164-232-11 | CERAMIC CHIP 0.01μF | 10% 50V |
| C2059 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C2060 | 1-164-232-11 | CERAMIC CHIP 0.01μF | 10% 50V |
| C2067 | 1-164-346-11 | CERAMIC CHIP 1μF | 16V |
| C2072 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2073 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C2074 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2076 | 1-126-967-11 | ELECT 47μF | 20% 16V |
| C2077 | 1-163-097-00 | CERAMIC CHIP 15PF | 5% 50V |
| C2078 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C2080 | 1-163-145-00 | CERAMIC CHIP 0.0015μF | 5% 50V |
| C2081 | 1-163-253-11 | CERAMIC CHIP 120PF | 5% 50V |
| C2082 | 1-126-967-11 | ELECT 47μF | 20% 16V |
| C2083 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2085 | 1-164-346-11 | CERAMIC CHIP 1μF | 16V |
| C2086 | 1-163-097-00 | CERAMIC CHIP 15PF | 5% 50V |
| C2087 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2088 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C2089 | 1-163-145-00 | CERAMIC CHIP 0.0015μF | 5% 50V |
| C2090 | 1-164-346-11 | CERAMIC CHIP 1μF | 16V |
| C2092 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2093 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C2094 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2096 | 1-126-967-11 | ELECT 47μF | 20% 16V |
| C2097 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2098 | 1-126-967-11 | ELECT 47μF | 20% 16V |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------------|--------------|-------------------------------|---------|
| C2099 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2101 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C2102 | 1-126-967-11 | ELECT 47μF | 20% 16V |
| C2103 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| <CONNECTOR> | | | |
| CN2001 | 1-764-144-11 | PIN, CONNECTOR (PC BOARD) 12P | |
| <DIODE> | | | |
| D2001 | 8-719-988-62 | DIODE 1SS355 | |
| D2002 | 8-719-988-62 | DIODE 1SS355 | |
| <FERRITE BEAD> | | | |
| FB2001 | 1-543-775-11 | FILTER, EMI | |
| FB2003 | 1-543-775-11 | FILTER, EMI | |
| FB2005 | 1-414-234-11 | INDUCTOR, FERRITE BEAD | |
| FB2006 | 1-414-234-11 | INDUCTOR, FERRITE BEAD | |
| FB2007 | 1-414-235-11 | INDUCTOR, FERRITE BEAD | |
| <FILTER> | | | |
| FL2001 | 1-239-847-11 | FILTER, LOW PASS | |
| FL2003 | 1-239-847-11 | FILTER, LOW PASS | |
| FL2004 | 1-239-847-11 | FILTER, LOW PASS | |
| FL2008 | 1-239-384-11 | FILTER, EMI | |
| FL2009 | 1-239-384-11 | FILTER, EMI | |
| FL2010 | 1-239-384-11 | FILTER, EMI | |
| <IC> | | | |
| IC2001 | 8-759-161-24 | IC uPC659AGS-E2 | |
| IC2002 | 8-759-296-53 | IC uPC1862GS-E2 | |
| IC2005 | 8-759-296-51 | IC uPD6486GF-3BA | |
| IC2006 | 8-759-161-22 | IC uPD42280GU-60-E2 | |
| IC2007 | 8-759-297-80 | IC MSM514222B-30GS-KR1 | |
| <COIL> | | | |
| L2001 | 1-410-204-31 | INDUCTOR CHIP 10μH | |
| L2002 | 1-410-193-51 | INDUCTOR CHIP 1.2μH | |
| L2003 | 1-410-193-51 | INDUCTOR CHIP 1.2μH | |
| L2004 | 1-410-193-51 | INDUCTOR CHIP 1.2μH | |
| L2005 | 1-410-193-51 | INDUCTOR CHIP 1.2μH | |
| L2006 | 1-410-193-51 | INDUCTOR CHIP 1.2μH | |
| L2009 | 1-414-042-21 | INDUCTOR 18μH | |
| L2010 | 1-414-042-21 | INDUCTOR 18μH | |
| L2011 | 1-414-042-21 | INDUCTOR 18μH | |
| L2013 | 1-410-193-51 | INDUCTOR CHIP 1.2μH | |
| L2014 | 1-410-193-51 | INDUCTOR CHIP 1.2μH | |
| <TRANSISTOR> | | | |
| Q2001 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q2002 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q2004 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q2005 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q2006 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q2007 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q2009 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q2010 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q2011 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q2015 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q2016 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q2017 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q2019 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |
| Q2020 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | |

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| REF. NO. | PART NO. | DESCRIPTION | REMARK | |
|------------|--------------|-------------------------|--------|-------|
| Q2021 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | | |
| Q2022 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | | |
| Q2023 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | | |
| Q2024 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | | |
| Q2025 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | | |
| Q2026 | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6 | | |
| <RESISTOR> | | | | |
| R2001 | 1-216-295-91 | CONDUCTOR, CHIP | | |
| R2004 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R2005 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R2006 | 1-216-023-00 | METAL GLAZE 82 | 5% | 1/10W |
| R2007 | 1-216-023-00 | METAL GLAZE 82 | 5% | 1/10W |
| R2008 | 1-216-023-00 | METAL GLAZE 82 | 5% | 1/10W |
| R2009 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R2010 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R2011 | 1-216-001-00 | METAL GLAZE 10 | 5% | 1/10W |
| R2012 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R2014 | 1-216-041-00 | METAL GLAZE 470 | 5% | 1/10W |
| R2015 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R2016 | 1-216-055-00 | METAL GLAZE 1.8K | 5% | 1/10W |
| R2017 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R2018 | 1-216-023-00 | METAL GLAZE 82 | 5% | 1/10W |
| R2019 | 1-216-081-00 | METAL GLAZE 22K | 5% | 1/10W |
| R2020 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R2021 | 1-216-045-00 | METAL GLAZE 680 | 5% | 1/10W |
| R2022 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R2023 | 1-216-009-00 | METAL GLAZE 22 | 5% | 1/10W |
| R2024 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R2026 | 1-216-645-11 | METAL CHIP 560 | 0.50% | 1/10W |
| R2027 | 1-216-638-11 | METAL CHIP 300 | 0.50% | 1/10W |
| R2028 | 1-208-800-11 | METAL CHIP 5.6K | 0.50% | 1/10W |
| R2030 | 1-216-063-91 | METAL GLAZE 3.9K | 5% | 1/10W |
| R2032 | 1-208-774-11 | METAL CHIP 470 | 0.50% | 1/10W |
| R2033 | 1-216-001-00 | METAL GLAZE 10 | 5% | 1/10W |
| R2036 | 1-216-039-00 | METAL GLAZE 390 | 5% | 1/10W |
| R2037 | 1-216-039-00 | METAL GLAZE 390 | 5% | 1/10W |
| R2039 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R2042 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R2044 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R2045 | 1-216-089-91 | METAL GLAZE 47K | 5% | 1/10W |
| R2046 | 1-216-089-91 | METAL GLAZE 47K | 5% | 1/10W |
| R2047 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R2048 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R2049 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R2050 | 1-216-133-00 | METAL GLAZE 3.3M | 5% | 1/10W |
| R2055 | 1-216-035-00 | METAL GLAZE 270 | 5% | 1/10W |
| R2061 | 1-216-097-91 | METAL GLAZE 100K | 5% | 1/10W |
| R2062 | 1-216-059-00 | METAL GLAZE 2.7K | 5% | 1/10W |
| R2066 | 1-216-057-00 | METAL GLAZE 2.2K | 5% | 1/10W |
| R2068 | 1-216-057-00 | METAL GLAZE 2.2K | 5% | 1/10W |
| R2073 | 1-216-035-00 | METAL GLAZE 270 | 5% | 1/10W |
| R2076 | 1-208-775-11 | METAL CHIP 510 | 0.50% | 1/10W |
| R2077 | 1-216-071-00 | METAL GLAZE 8.2K | 5% | 1/10W |
| R2082 | 1-216-627-11 | METAL CHIP 100 | 0.50% | 1/10W |
| R2087 | 1-216-053-00 | METAL GLAZE 1.5K | 5% | 1/10W |
| R2089 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R2090 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R2091 | 1-216-029-00 | METAL GLAZE 150 | 5% | 1/10W |
| R2092 | 1-216-065-00 | METAL GLAZE 4.7K | 5% | 1/10W |
| R2093 | 1-216-045-00 | METAL GLAZE 680 | 5% | 1/10W |
| R2098 | 1-216-664-11 | METAL CHIP 3.6K | 0.50% | 1/10W |
| R2099 | 1-216-656-11 | METAL CHIP 1.6K | 0.50% | 1/10W |
| R2100 | 1-216-650-11 | METAL CHIP 910 | 0.50% | 1/10W |
| R2102 | 1-216-045-00 | METAL GLAZE 680 | 5% | 1/10W |
| R2103 | 1-216-067-00 | METAL GLAZE 5.6K | 5% | 1/10W |
| R2104 | 1-216-001-00 | METAL GLAZE 10 | 5% | 1/10W |
| R2105 | 1-216-077-00 | METAL GLAZE 15K | 5% | 1/10W |

| REF. NO. | PART NO. | DESCRIPTION | REMARK | |
|----------------------------------|--------------|-----------------------|--------|-------|
| R2106 | 1-216-295-91 | CONDUCTOR, CHIP | | |
| R2107 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R2108 | 1-216-634-11 | METAL CHIP 200 | 0.50% | 1/10W |
| R2109 | 1-216-057-00 | METAL GLAZE 2.2K | 5% | 1/10W |
| R2110 | 1-216-295-91 | CONDUCTOR, CHIP | | |
| R2111 | 1-216-031-00 | METAL GLAZE 180 | 5% | 1/10W |
| R2112 | 1-216-043-91 | METAL GLAZE 560 | 5% | 1/10W |
| R2113 | 1-216-067-00 | METAL GLAZE 5.6K | 5% | 1/10W |
| R2114 | 1-216-051-00 | METAL GLAZE 1.2K | 5% | 1/10W |
| R2115 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R2117 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R2119 | 1-216-041-00 | METAL GLAZE 470 | 5% | 1/10W |
| R2120 | 1-216-039-00 | METAL GLAZE 390 | 5% | 1/10W |
| R2121 | 1-216-041-00 | METAL GLAZE 470 | 5% | 1/10W |
| R2123 | 1-216-651-11 | METAL CHIP 1K | 0.50% | 1/10W |
| R2124 | 1-216-689-11 | METAL GLAZE 39K | 5% | 1/10W |
| R2125 | 1-216-001-00 | METAL GLAZE 10 | 5% | 1/10W |
| R2126 | 1-216-295-91 | CONDUCTOR, CHIP | | |
| R2127 | 1-216-077-00 | METAL GLAZE 15K | 5% | 1/10W |
| R2128 | 1-216-043-91 | METAL GLAZE 560 | 5% | 1/10W |
| R2129 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R2130 | 1-216-634-11 | METAL CHIP 200 | 0.50% | 1/10W |
| R2131 | 1-216-077-00 | METAL GLAZE 15K | 5% | 1/10W |
| R2132 | 1-216-295-91 | CONDUCTOR, CHIP | | |
| R2133 | 1-216-637-11 | METAL CHIP 270 | 0.50% | 1/10W |
| R2134 | 1-216-051-00 | METAL GLAZE 1.2K | 5% | 1/10W |
| R2135 | 1-216-067-00 | METAL GLAZE 5.6K | 5% | 1/10W |
| R2136 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R2138 | 1-216-039-00 | METAL GLAZE 390 | 5% | 1/10W |
| R2139 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R2141 | 1-216-039-00 | METAL GLAZE 390 | 5% | 1/10W |
| R2144 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R2146 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R2149 | 1-216-017-91 | METAL GLAZE 47 | 5% | 1/10W |
| R2150 | 1-216-017-91 | METAL GLAZE 47 | 5% | 1/10W |
| R2152 | 1-216-017-91 | METAL GLAZE 47 | 5% | 1/10W |
| R2153 | 1-216-295-91 | CONDUCTOR, CHIP | | |
| <VARIABLE RESISTOR> | | | | |
| RV2002 | 1-238-240-11 | RES, ADJ, CERMET 220 | | |
| <CRYSTAL> | | | | |
| X2001 | 1-579-583-11 | VIBRATOR, CERAMIC | | |
| X2002 | 1-527-722-00 | OSCILLATOR, CRYSTAL | | |
| ***** | | | | |
| * A-1306-507-A M BOARD, COMPLETE | | | | |
| ***** | | | | |
| <CAPACITOR> | | | | |
| C3003 | 1-126-967-11 | ELECT 47μF | 20% | 50V |
| C3018 | 1-136-169-00 | FILM 0.22μF | 5% | 50V |
| C3039 | 1-163-031-11 | CERAMIC CHIP 0.01μF | | 50V |
| C3040 | 1-163-229-11 | CERAMIC CHIP 12PF | 5% | 50V |
| C3042 | 1-163-239-11 | CERAMIC CHIP 33PF | 5% | 50V |
| C3043 | 1-163-239-11 | CERAMIC CHIP 33PF | 5% | 50V |
| C3044 | 1-164-004-11 | CERAMIC CHIP 0.1μF | 10% | 25V |
| C3045 | 1-126-940-11 | ELECT 330μF | 20% | 16V |
| C3046 | 1-163-102-00 | CERAMIC CHIP 24PF | 5% | 50V |
| C3047 | 1-163-017-00 | CERAMIC CHIP 0.0047μF | 10% | 50V |
| C3052 | 1-163-037-11 | CERAMIC CHIP 0.022μF | 10% | 25V |
| C3060 | 1-164-004-11 | CERAMIC CHIP 0.1μF | 10% | 25V |
| C3061 | 1-126-916-11 | ELECT 1000μF | 20% | 6.3V |

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| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|---------------------------|--------|
| C3062 | 1-126-964-11 | ELECT 10μF 20% | 50V |
| C3063 | 1-126-964-11 | ELECT 10μF 20% | 50V |
| C3064 | 1-126-964-11 | ELECT 10μF 20% | 50V |
| C3065 | 1-126-965-11 | ELECT 22μF 20% | 50V |
| C3066 | 1-163-125-00 | CERAMIC CHIP 220PF 5% | 50V |
| C3067 | 1-164-232-11 | CERAMIC CHIP 0.01μF 10% | 50V |
| C3068 | 1-124-925-11 | ELECT 2.2μF 20% | 50V |
| C3070 | 1-126-935-11 | ELECT 470μF 20% | 16V |
| C3071 | 1-126-934-11 | ELECT 220μF 20% | 16V |
| C3072 | 1-126-964-11 | ELECT 10μF 20% | 50V |
| C3073 | 1-163-251-11 | CERAMIC CHIP 100PF 5% | 50V |
| C3074 | 1-163-251-11 | CERAMIC CHIP 100PF 5% | 50V |
| C3075 | 1-126-967-11 | ELECT 47μF 20% | 16V |
| C3076 | 1-124-902-00 | ELECT 0.47μF 20% | 50V |
| C3077 | 1-124-925-11 | ELECT 2.2μF 20% | 50V |
| C3078 | 1-124-902-00 | ELECT 0.47μF 20% | 50V |
| C3080 | 1-164-232-11 | CERAMIC CHIP 0.01μF 10% | 50V |
| C3081 | 1-124-927-11 | ELECT 4.7μF 20% | 50V |
| C3082 | 1-124-903-11 | ELECT 1μF 20% | 50V |
| C3083 | 1-164-232-11 | CERAMIC CHIP 0.01μF 10% | 50V |
| C3084 | 1-124-903-11 | ELECT 1μF 20% | 50V |
| C3085 | 1-164-232-11 | CERAMIC CHIP 0.01μF 10% | 50V |
| C3086 | 1-163-017-00 | CERAMIC CHIP 0.0047μF 10% | 50V |
| C3087 | 1-163-017-00 | CERAMIC CHIP 0.0047μF 10% | 50V |
| C3088 | 1-163-019-00 | CERAMIC CHIP 0.0068μF 10% | 50V |
| C3089 | 1-163-017-00 | CERAMIC CHIP 0.0047μF 10% | 50V |
| C3092 | 1-124-927-11 | ELECT 4.7μF 20% | 50V |
| C3093 | 1-124-902-00 | ELECT 0.47μF 20% | 50V |
| C3094 | 1-124-902-00 | ELECT 0.47μF 20% | 50V |
| C3095 | 1-124-902-00 | ELECT 0.47μF 20% | 50V |
| C3099 | 1-124-903-11 | ELECT 1μF 20% | 50V |
| C3100 | 1-163-133-00 | CERAMIC CHIP 470PF 5% | 50V |
| C3101 | 1-164-232-11 | CERAMIC CHIP 0.01μF 10% | 50V |
| C3102 | 1-163-243-11 | CERAMIC CHIP 47PF 5% | 50V |
| C3103 | 1-126-933-11 | ELECT 100μF 20% | 16V |
| C3104 | 1-163-097-00 | CERAMIC CHIP 15PF 5% | 50V |
| C3105 | 1-124-902-00 | ELECT 0.47μF 20% | 50V |
| C3106 | 1-126-940-11 | ELECT 330μF 20% | 16V |
| C3107 | 1-126-964-11 | ELECT 10μF 20% | 50V |
| C3108 | 1-163-235-11 | CERAMIC CHIP 22PF 5% | 50V |
| C3109 | 1-126-965-11 | ELECT 22μF 20% | 50V |
| C3110 | 1-163-113-00 | CERAMIC CHIP 68PF 5% | 50V |
| C3111 | 1-104-664-11 | ELECT 47μF 20% | 25V |
| C3112 | 1-163-097-00 | CERAMIC CHIP 15PF 5% | 50V |
| C3114 | 1-163-125-00 | CERAMIC CHIP 220PF 5% | 50V |
| C3119 | 1-126-964-11 | ELECT 10μF 20% | 50V |
| C3120 | 1-126-964-11 | ELECT 10μF 20% | 50V |
| C3121 | 1-126-935-11 | ELECT 470μF 20% | 16V |
| C3123 | 1-163-235-11 | CERAMIC CHIP 22PF 5% | 50V |
| C3124 | 1-163-009-11 | CERAMIC CHIP 0.001μF 10% | 50V |
| C3125 | 1-126-964-11 | ELECT 10μF 20% | 50V |
| C3127 | 1-163-235-11 | CERAMIC CHIP 22PF 5% | 50V |
| C3129 | 1-126-964-11 | ELECT 10μF 20% | 50V |
| C3130 | 1-126-967-11 | ELECT 47μF 20% | 50V |
| C3135 | 1-126-967-11 | ELECT 47μF 20% | 16V |
| C3136 | 1-124-927-11 | ELECT 4.7μF 20% | 50V |
| C3137 | 1-163-235-11 | CERAMIC CHIP 22PF 5% | 50V |
| C3138 | 1-163-251-11 | CERAMIC CHIP 100PF 5% | 50V |
| C3139 | 1-126-967-11 | ELECT 47μF 20% | 16V |
| C3140 | 1-107-714-11 | ELECT 10μF 20% | 16V |

<CONNECTOR>

| | | |
|--------|----------------|-------------------------------|
| CN3000 | * 1-564-507-11 | PLUG, CONNECTOR 4P |
| CN3001 | * 1-564-510-11 | PLUG, CONNECTOR 7P |
| CN3002 | * 1-564-508-11 | PLUG, CONNECTOR 5P |
| CN3003 | * 1-564-509-11 | PLUG, CONNECTOR 6P |
| CN3004 | 1-573-301-21 | CONNECTOR, BOARD TO BOARD 20P |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|----------------|-------------------------------|--------|
| CN3005 | * 1-564-512-11 | PLUG, CONNECTOR 9P | |
| CN3006 | 1-573-979-21 | CONNECTOR, BOARD TO BOARD 11P | |
| CN3007 | 1-573-301-21 | CONNECTOR, BOARD TO BOARD 20P | |
| CN3008 | * 1-564-516-11 | PLUG, CONNECTOR 13P | |
| CN3009 | * 1-564-509-11 | PLUG, CONNECTOR 6P | |
| CN3010 | * 1-566-367-11 | CONNECTOR, HINGE (RECEPTACLE) | |
| CN3011 | * 1-566-367-11 | CONNECTOR, HINGE (RECEPTACLE) | |
| CN3012 | * 1-564-509-11 | PLUG, CONNECTOR 6P | |
| CN3013 | * 1-564-515-11 | PLUG, CONNECTOR 12P | |
| CN3014 | * 1-564-514-11 | PLUG, CONNECTOR 11P | |
| CN3015 | * 1-564-508-11 | PLUG, CONNECTOR 5P | |

<DIODE>

| | | |
|-------|--------------|-----------------|
| D3000 | 8-719-404-46 | DIODE MA110 |
| D3001 | 8-719-404-46 | DIODE MA110 |
| D3002 | 8-719-404-46 | DIODE MA110 |
| D3003 | 8-719-404-46 | DIODE MA110 |
| D3004 | 8-719-404-46 | DIODE MA110 |
| D3005 | 8-719-404-46 | DIODE MA110 |
| D3007 | 8-719-422-46 | DIODE MA8056 |
| D3008 | 8-719-422-46 | DIODE MA8056 |
| D3009 | 8-719-404-46 | DIODE MA110 |
| D3010 | 8-719-404-46 | DIODE MA110 |
| D3011 | 8-719-109-88 | DIODE RD5.6ESB1 |
| D3016 | 8-719-400-75 | DIODE MA3091 |
| D3017 | 8-719-106-62 | DIODE RD11M-B2 |
| D3018 | 8-719-105-82 | DIODE RD5.1M-B2 |
| D3019 | 8-719-106-62 | DIODE RD11M-B2 |
| D3020 | 8-719-106-62 | DIODE RD11M-B2 |
| D3021 | 8-719-106-62 | DIODE RD11M-B2 |
| D3022 | 8-719-404-46 | DIODE MA110 |
| D3023 | 8-719-106-62 | DIODE RD11M-B2 |
| D3026 | 8-719-105-91 | DIODE RD5.6M-B2 |
| D3027 | 8-719-404-46 | DIODE MA110 |
| D3028 | 8-719-404-46 | DIODE MA110 |
| D3029 | 8-719-404-46 | DIODE MA110 |
| D3030 | 8-719-106-62 | DIODE RD11M-B2 |
| D3033 | 8-719-404-46 | DIODE MA110 |
| D3034 | 8-719-404-46 | DIODE MA110 |
| D3035 | 8-719-404-46 | DIODE MA110 |
| D3036 | 8-719-404-46 | DIODE MA110 |
| D3038 | 8-719-404-46 | DIODE MA110 |
| D3039 | 8-719-404-46 | DIODE MA110 |
| D3041 | 8-719-404-46 | DIODE MA110 |
| D3042 | 8-719-404-46 | DIODE MA110 |
| D3043 | 8-719-400-71 | DIODE MA3082 |
| D3044 | 8-719-404-46 | DIODE MA110 |
| D3045 | 8-719-404-46 | DIODE MA110 |
| D3046 | 8-719-404-46 | DIODE MA110 |
| D3049 | 8-719-404-46 | DIODE MA110 |
| D3050 | 8-719-404-46 | DIODE MA110 |
| D3051 | 8-719-404-46 | DIODE MA110 |
| D3052 | 8-719-404-46 | DIODE MA110 |
| D3053 | 8-719-404-46 | DIODE MA110 |

<IC>

| | | |
|--------|--------------|-------------------|
| IC3000 | 8-752-863-95 | IC CXP85324A-039S |
| IC3001 | 8-759-069-28 | IC PQ05RF11 |
| IC3002 | 8-759-518-23 | IC X24C04S8 |
| IC3003 | 8-759-710-86 | IC NJM2233BM |
| IC3004 | 8-759-710-86 | IC NJM2233BM |
| IC3005 | 8-752-063-50 | IC CXA1477AS |
| IC3007 | 8-759-403-44 | IC MN1280-S |

<COIL>



| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|------------------------|--------|
| L3000 | 1-408-414-00 | INDUCTOR 27μH | |
| L3004 | 1-414-234-11 | INDUCTOR, FERRITE BEAD | |
| L3008 | 1-408-413-00 | INDUCTOR 22μH | |
| L3009 | 1-408-416-00 | INDUCTOR 39μH | |
| L3010 | 1-408-409-00 | INDUCTOR 10μH | |

<TRANSISTOR>

| | | | |
|-------|--------------|----------------------|--|
| Q3000 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3001 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3002 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3003 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3004 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3005 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3006 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3013 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3014 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3015 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3016 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3017 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3018 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3019 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3020 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3021 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3022 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3023 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3024 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3025 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3026 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3027 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3028 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3029 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3030 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3031 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3032 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3033 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3038 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3043 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3045 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3046 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3048 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3049 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3050 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3051 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3052 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3053 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3054 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3055 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3056 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q3057 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3058 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q3059 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |

<RESISTOR>

| | | | | |
|-------|--------------|------------------|----|-------|
| R3000 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R3001 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R3002 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R3003 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3004 | 1-216-065-00 | METAL GLAZE 4.7K | 5% | 1/10W |
| R3005 | 1-216-093-00 | METAL GLAZE 68K | 5% | 1/10W |
| R3006 | 1-216-089-91 | METAL GLAZE 47K | 5% | 1/10W |
| R3007 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R3008 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R3009 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R3010 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R3011 | 1-216-097-91 | METAL GLAZE 100K | 5% | 1/10W |
| R3012 | 1-216-065-00 | METAL GLAZE 4.7K | 5% | 1/10W |
| R3013 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R3014 | 1-216-089-91 | METAL GLAZE 47K | 5% | 1/10W |

| | | | | |
|-------|--------------|------------------|----|-------|
| R3015 | 1-216-065-00 | METAL GLAZE 4.7K | 5% | 1/10W |
| R3016 | 1-216-081-00 | METAL GLAZE 22K | 5% | 1/10W |
| R3017 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3018 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3020 | 1-216-065-00 | METAL GLAZE 4.7K | 5% | 1/10W |
| R3024 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3025 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3027 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3028 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3029 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3031 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3032 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3033 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3034 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3035 | 1-216-041-00 | METAL GLAZE 470 | 5% | 1/10W |
| R3036 | 1-216-023-00 | METAL GLAZE 82 | 5% | 1/10W |
| R3037 | 1-216-097-91 | METAL GLAZE 100K | 5% | 1/10W |
| R3038 | 1-216-089-91 | METAL GLAZE 47K | 5% | 1/10W |
| R3039 | 1-216-089-91 | METAL GLAZE 47K | 5% | 1/10W |
| R3040 | 1-216-097-91 | METAL GLAZE 100K | 5% | 1/10W |
| R3041 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3047 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3048 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3049 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3050 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3051 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3052 | 1-216-295-91 | CONDUCTOR, CHIP | | |
| R3053 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R3056 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R3058 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R3059 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R3060 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R3061 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R3063 | 1-216-295-91 | CONDUCTOR, CHIP | | |
| R3064 | 1-216-065-00 | METAL GLAZE 4.7K | 5% | 1/10W |
| R3065 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R3067 | 1-216-065-00 | METAL GLAZE 4.7K | 5% | 1/10W |
| R3068 | 1-216-065-00 | METAL GLAZE 4.7K | 5% | 1/10W |
| R3091 | 1-216-065-00 | METAL GLAZE 4.7K | 5% | 1/10W |
| R3093 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R3094 | 1-216-065-00 | METAL GLAZE 4.7K | 5% | 1/10W |
| R3095 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R3096 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R3097 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R3098 | 1-216-065-00 | METAL GLAZE 4.7K | 5% | 1/10W |
| R3099 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R3100 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R3101 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R3102 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R3103 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R3104 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R3105 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R3106 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R3107 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W |
| R3108 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R3109 | 1-216-059-00 | METAL GLAZE 2.7K | 5% | 1/10W |
| R3110 | 1-216-001-00 | METAL GLAZE 10 | 5% | 1/10W |
| R3111 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3112 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W |
| R3113 | 1-216-001-00 | METAL GLAZE 10 | 5% | 1/10W |
| R3116 | 1-216-001-00 | METAL GLAZE 10 | 5% | 1/10W |
| R3117 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W |
| R3119 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3120 | 1-216-057-00 | METAL GLAZE 2.2K | 5% | 1/10W |
| R3121 | 1-216-059-00 | METAL GLAZE 2.7K | 5% | 1/10W |
| R3122 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3123 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W |
| R3125 | 1-216-081-00 | METAL GLAZE 22K | 5% | 1/10W |

M **GB**

| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|------------------|--------|----------|---------------------------------------|--------------|-----------------------------|
| R3126 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W | R3245 | 1-216-093-00 | METAL GLAZE 68K 5% 1/10W |
| R3127 | 1-216-081-00 | METAL GLAZE 22K | 5% | 1/10W | R3251 | 1-216-295-91 | CONDUCTOR, CHIP |
| R3128 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W | R3252 | 1-216-043-91 | METAL GLAZE 560 5% 1/10W |
| R3129 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W | R3253 | 1-216-059-00 | METAL GLAZE 2.7K 5% 1/10W |
| R3130 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W | R3256 | 1-216-083-00 | METAL GLAZE 27K 5% 1/10W |
| R3131 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W | R3257 | 1-216-097-91 | METAL GLAZE 100K 5% 1/10W |
| R3132 | 1-216-041-00 | METAL GLAZE 470 | 5% | 1/10W | R3261 | 1-216-071-00 | METAL GLAZE 8.2K 5% 1/10W |
| R3133 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W | R3262 | 1-216-085-00 | METAL GLAZE 33K 5% 1/10W |
| R3134 | 1-216-077-00 | METAL GLAZE 15K | 5% | 1/10W | R3264 | 1-216-085-00 | METAL GLAZE 33K 5% 1/10W |
| R3135 | 1-216-065-00 | METAL GLAZE 4.7K | 5% | 1/10W | R3265 | 1-216-043-91 | METAL GLAZE 560 5% 1/10W |
| R3136 | 1-216-037-00 | METAL GLAZE 330 | 5% | 1/10W | R3266 | 1-216-053-00 | METAL GLAZE 1.5K 5% 1/10W |
| R3137 | 1-216-067-00 | METAL GLAZE 5.6K | 5% | 1/10W | R3268 | 1-216-121-91 | METAL GLAZE 1M 5% 1/10W |
| R3138 | 1-216-085-00 | METAL GLAZE 33K | 5% | 1/10W | R3269 | 1-216-049-91 | METAL GLAZE 1K 5% 1/10W |
| R3140 | 1-216-190-00 | METAL GLAZE 470 | 5% | 1/8W | R3270 | 1-216-025-91 | METAL GLAZE 100 5% 1/10W |
| R3141 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W | R3271 | 1-216-085-00 | METAL GLAZE 33K 5% 1/10W |
| R3142 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W | R3272 | 1-216-081-00 | METAL GLAZE 22K 5% 1/10W |
| R3143 | 1-216-190-00 | METAL GLAZE 470 | 5% | 1/8W | R3273 | 1-216-689-11 | METAL GLAZE 39K 5% 1/10W |
| R3144 | 1-216-295-91 | CONDUCTOR, CHIP | | | R3274 | 1-216-089-91 | METAL GLAZE 47K 5% 1/10W |
| R3145 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W | R3275 | 1-216-089-91 | METAL GLAZE 47K 5% 1/10W |
| R3146 | 1-216-071-00 | METAL GLAZE 8.2K | 5% | 1/10W | R3276 | 1-216-025-91 | METAL GLAZE 100 5% 1/10W |
| R3147 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W | R3277 | 1-216-035-00 | METAL GLAZE 270 5% 1/10W |
| R3148 | 1-216-043-91 | METAL GLAZE 560 | 5% | 1/10W | R3278 | 1-216-025-91 | METAL GLAZE 100 5% 1/10W |
| R3149 | 1-216-061-00 | METAL GLAZE 3.3K | 5% | 1/10W | R3279 | 1-216-045-00 | METAL GLAZE 680 5% 1/10W |
| R3151 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W | R3280 | 1-216-049-91 | METAL GLAZE 1K 5% 1/10W |
| R3152 | 1-216-059-00 | METAL GLAZE 2.7K | 5% | 1/10W | R3281 | 1-216-652-11 | METAL CHIP 1.1K 0.50% 1/10W |
| R3153 | 1-208-810-11 | METAL CHIP 15K | 0.50% | 1/10W | R3282 | 1-216-049-91 | METAL GLAZE 1K 5% 1/10W |
| R3154 | 1-216-295-91 | CONDUCTOR, CHIP | | | R3283 | 1-216-081-00 | METAL GLAZE 22K 5% 1/10W |
| R3155 | 1-216-039-00 | METAL GLAZE 390 | 5% | 1/10W | R3284 | 1-216-075-00 | METAL GLAZE 12K 5% 1/10W |
| R3156 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W | R3285 | 1-216-049-91 | METAL GLAZE 1K 5% 1/10W |
| R3158 | 1-216-045-00 | METAL GLAZE 680 | 5% | 1/10W | R3286 | 1-216-033-00 | METAL GLAZE 220 5% 1/10W |
| R3159 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W | R3287 | 1-216-049-91 | METAL GLAZE 1K 5% 1/10W |
| R3161 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W | R3288 | 1-216-033-00 | METAL GLAZE 220 5% 1/10W |
| R3171 | 1-216-655-11 | METAL CHIP 1.5K | 0.50% | 1/10W | R3289 | 1-216-025-91 | METAL GLAZE 100 5% 1/10W |
| R3172 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W | R3290 | 1-216-049-91 | METAL GLAZE 1K 5% 1/10W |
| R3173 | 1-216-077-00 | METAL GLAZE 15K | 5% | 1/10W | R3291 | 1-216-043-91 | METAL GLAZE 560 5% 1/10W |
| R3175 | 1-216-295-91 | CONDUCTOR, CHIP | | | R3292 | 1-216-033-00 | METAL GLAZE 220 5% 1/10W |
| R3176 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W | R3293 | 1-216-025-91 | METAL GLAZE 100 5% 1/10W |
| R3177 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W | R3294 | 1-216-025-91 | METAL GLAZE 100 5% 1/10W |
| R3178 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W | R3295 | 1-216-049-91 | METAL GLAZE 1K 5% 1/10W |
| R3179 | 1-216-053-00 | METAL GLAZE 1.5K | 5% | 1/10W | R3296 | 1-216-049-91 | METAL GLAZE 1K 5% 1/10W |
| R3180 | 1-216-089-91 | METAL GLAZE 47K | 5% | 1/10W | R3297 | 1-216-017-91 | METAL GLAZE 47 5% 1/10W |
| R3182 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W | R3298 | 1-216-025-91 | METAL GLAZE 100 5% 1/10W |
| R3184 | 1-216-089-91 | METAL GLAZE 47K | 5% | 1/10W | R3299 | 1-216-025-91 | METAL GLAZE 100 5% 1/10W |
| R3185 | 1-216-071-00 | METAL GLAZE 8.2K | 5% | 1/10W | R3300 | 1-216-049-91 | METAL GLAZE 1K 5% 1/10W |
| R3186 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W | R3301 | 1-216-041-00 | METAL GLAZE 470 5% 1/10W |
| R3187 | 1-216-057-00 | METAL GLAZE 2.2K | 5% | 1/10W | R3302 | 1-216-041-00 | METAL GLAZE 470 5% 1/10W |
| R3188 | 1-216-069-00 | METAL GLAZE 6.8K | 5% | 1/10W | R3303 | 1-216-025-91 | METAL GLAZE 100 5% 1/10W |
| R3189 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W | R3304 | 1-216-043-91 | METAL GLAZE 560 5% 1/10W |
| R3190 | 1-216-031-00 | METAL GLAZE 180 | 5% | 1/10W | <CRYSTAL> | | |
| R3191 | 1-216-031-00 | METAL GLAZE 180 | 5% | 1/10W | X3000 | 1-579-917-11 | VIBRATOR, CRYSTAL |
| R3192 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W | X3001 | 1-577-611-11 | OSCILLATOR, CERAMIC |
| R3193 | 1-216-037-00 | METAL GLAZE 330 | 5% | 1/10W | X3002 | 1-567-505-11 | OSCILLATOR, CRYSTAL |
| R3194 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W | ***** | | |
| R3202 | 1-216-065-00 | METAL GLAZE 4.7K | 5% | 1/10W | * A-1311-436-AGB BOARD, COMPLETE | | |
| R3205 | 1-216-035-00 | METAL GLAZE 270 | 5% | 1/10W | ***** | | |
| R3206 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W | 4-382-854-11 SCREW (M3X10), P, SW (+) | | |
| R3207 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W | <CAPACITOR> | | |
| R3210 | 1-216-065-00 | METAL GLAZE 4.7K | 5% | 1/10W | C1204 | 1-104-759-11 | ELECT 470μF 20% 200V |
| R3211 | 1-216-065-00 | METAL GLAZE 4.7K | 5% | 1/10W | C1205 | 1-104-759-11 | ELECT 470μF 20% 200V |
| R3218 | 1-216-053-00 | METAL GLAZE 1.5K | 5% | 1/10W | C1208 | 1-164-625-11 | CERAMIC 680PF 10% 500V |
| R3225 | 1-216-057-00 | METAL GLAZE 2.2K | 5% | 1/10W | C1209 | 1-164-625-11 | CERAMIC 680PF 10% 500V |
| R3226 | 1-216-061-00 | METAL GLAZE 3.3K | 5% | 1/10W | C1210 | 1-136-173-00 | FILM 0.47μF 5% 50V |
| R3228 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W | | | |
| R3229 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W | | | |
| R3230 | 1-216-051-00 | METAL GLAZE 1.2K | 5% | 1/10W | | | |
| R3231 | 1-216-035-00 | METAL GLAZE 270 | 5% | 1/10W | | | |
| R3241 | 1-216-085-00 | METAL GLAZE 33K | 5% | 1/10W | | | |
| R3244 | 1-216-075-00 | METAL GLAZE 12K | 5% | 1/10W | | | |



Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|----------------------------|--------|
| C1211 | 1-136-169-00 | FILM 0.22 μ F 5% 50V | |
| C1212 | 1-136-173-00 | FILM 0.47 μ F 5% 50V | |
| C1213 | 1-136-169-00 | FILM 0.22 μ F 5% 50V | |
| C1214 | 1-164-625-11 | CERAMIC 680PF 10% 500V | |
| C1215 | 1-129-719-00 | FILM 0.027 μ F 5% 630V | |
| C1251 | 1-128-548-11 | ELECT 4700 μ F 20% 25V | |
| C1252 | 1-128-548-11 | ELECT 4700 μ F 20% 25V | |
| C1253 | 1-128-548-11 | ELECT 4700 μ F 20% 25V | |
| C1254 | 1-128-548-11 | ELECT 4700 μ F 20% 25V | |
| C1255 | 1-136-153-00 | FILM 0.01 μ F 5% 50V | |
| C1256 | 1-136-153-00 | FILM 0.01 μ F 5% 50V | |
| C1265 | 1-126-965-11 | ELECT 22 μ F 20% 50V | |

<CONNECTOR>

| | | |
|--------|----------------|------------------------------|
| CN1203 | * 1-691-135-11 | PIN, CONNECTOR (PC BOARD) 4P |
| CN1209 | * 1-564-507-11 | PLUG, CONNECTOR 4P |
| CN1210 | * 1-573-963-11 | PIN, CONNECTOR (PC BOARD) 3P |

<DIODE>

| | | |
|-------|--------------|------------------|
| D1201 | 8-719-052-84 | DIODE LN4SB60 |
| D1202 | 8-719-110-22 | DIODE RD11ESB2 |
| D1203 | 8-719-988-31 | DIODE D10SC6MR |
| D1205 | 8-719-991-33 | DIODE 1SS133T-77 |
| D1207 | 8-719-991-33 | DIODE 1SS133T-77 |

| | | |
|-------|--------------|------------------|
| D1209 | 8-719-991-33 | DIODE 1SS133T-77 |
| D1211 | 8-719-991-33 | DIODE 1SS133T-77 |
| D1212 | 8-719-053-92 | DIODE F10P06Q |
| D1213 | 8-719-991-33 | DIODE 1SS133T-77 |
| D1266 | 8-719-110-63 | DIODE RD24ESB3 |

| | | |
|-------|--------------|------------------|
| D1277 | 8-719-991-33 | DIODE 1SS133T-77 |
|-------|--------------|------------------|

<IC>

| | | |
|--------|--------------|----------------------|
| IC1201 | 8-759-198-31 | IC μ PC1093J-1-T |
|--------|--------------|----------------------|

<COIL>

| | | |
|-------|--------------|----------------------|
| L1251 | 1-414-158-11 | INDUCTOR 2.2 μ H |
| L1252 | 1-414-158-11 | INDUCTOR 2.2 μ H |

<TRANSISTOR>

| | | |
|-------|--------------|------------------------|
| Q1201 | 8-729-019-49 | TRANSISTOR 2SC4834M |
| Q1202 | 8-729-019-49 | TRANSISTOR 2SC4834M |
| Q1203 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE |
| Q1204 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE |
| Q1252 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE |
| Q1253 | 8-729-230-45 | TRANSISTOR 2SC2458-YGR |

<RESISTOR>

| | | | |
|-------|--------------|-----------------------|---|
| R1204 | 1-247-891-00 | CARBON 330K 5% 1/4W | |
| R1205 | 1-247-891-00 | CARBON 330K 5% 1/4W | |
| R1206 | 1-202-933-61 | FUSIBLE 0.1 10% 1/2W | F |
| R1207 | 1-247-891-00 | CARBON 330K 5% 1/4W | |
| R1208 | 1-247-891-00 | CARBON 330K 5% 1/4W | |
| R1209 | 1-216-375-00 | METAL OXIDE 3.3 5% 2W | F |
| R1210 | 1-247-891-00 | CARBON 330K 5% 1/4W | |
| R1211 | 1-247-891-00 | CARBON 330K 5% 1/4W | |
| R1212 | 1-216-375-00 | METAL OXIDE 3.3 5% 2W | F |
| R1213 | 1-249-393-11 | CARBON 10 5% 1/4W | |
| R1215 | 1-249-393-11 | CARBON 10 5% 1/4W | |
| R1217 | 1-211-761-11 | FUSIBLE 0.1 10% 1/2W | |
| R1218 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | |
| R1219 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | |
| R1220 | 1-249-429-11 | CARBON 10K 5% 1/4W | |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|-----------------------|--------|
| R1251 | 1-215-888-00 | METAL OXIDE 220 5% 2W | F |
| R1252 | 1-215-448-00 | METAL 13K 1% 1/4W | |
| R1253 | 1-247-883-00 | CARBON 150K 5% 1/4W | |
| R1254 | 1-215-428-00 | METAL 2K 1% 1/4W | |
| R1260 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R1264 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R1266 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R1267 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R1272 | 1-247-807-31 | CARBON 100 5% 1/4W | |
| R1273 | 1-211-761-11 | FUSIBLE 0.1 10% 1/2W | |
| R1274 | 1-249-393-11 | CARBON 10 5% 1/4W | F |
| R1295 | 1-211-761-11 | FUSIBLE 0.1 10% 1/2W | |
| R1296 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | |
| R1297 | 1-211-761-11 | FUSIBLE 0.1 10% 1/2W | |
| R1299 | 1-247-807-31 | CARBON 100 5% 1/4W | |

<TRANSFORMER>

| | | |
|-------|--------------|------------------------------|
| T1202 | 1-429-289-11 | TRANSFORMER, CONVERTER (PIT) |
| T1204 | 1-427-864-11 | TRANSFORMER, CONVERTER (PRT) |

* A-1316-229-A G BOARD, COMPLETE

* 4-047-936-01 PLATE, SHIELD, PIT
4-382-854-11 SCREW (M3X10), P, SW (+)

<CAPACITOR>

| | | |
|------|-----------------------|------------------------------------|
| C601 | Δ 1-136-311-51 | FILM 0.47 μ F 20% 125V |
| C602 | Δ 1-162-577-51 | CERAMIC 0.0022 μ F 20% 400V |
| C603 | Δ 1-162-577-51 | CERAMIC 0.0022 μ F 20% 400V |
| C604 | Δ 1-125-692-11 | ELECT(BLOCK) 820 μ F 20% 200V |
| C605 | Δ 1-125-692-11 | ELECT(BLOCK) 820 μ F 20% 200V |
| C608 | 1-164-645-11 | CERAMIC 1000PF 10% 500V |
| C609 | 1-164-645-11 | CERAMIC 1000PF 10% 500V |
| C610 | 1-136-173-00 | FILM 0.47 μ F 5% 50V |
| C611 | 1-136-171-00 | FILM 0.33 μ F 5% 50V |
| C612 | 1-136-173-00 | FILM 0.47 μ F 5% 50V |
| C613 | 1-136-171-00 | FILM 0.33 μ F 5% 50V |
| C614 | 1-164-735-11 | CAPACITOR 0.0015 μ F 10% 500V |
| C615 | 1-129-720-00 | FILM 0.033 μ F 5% 630V |
| C616 | Δ 1-136-311-51 | FILM 0.47 μ F 20% 125V |
| C653 | 1-162-318-11 | CERAMIC 0.001 μ F 10% 500V |
| C656 | 1-128-548-11 | ELECT 4700 μ F 20% 25V |
| C657 | 1-126-929-11 | ELECT 4700 μ F 20% 10V |
| C658 | 1-126-936-11 | ELECT 3300 μ F 20% 16V |
| C659 | 1-128-548-11 | ELECT 4700 μ F 20% 25V |
| C660 | 1-164-644-11 | CERAMIC 330PF 10% 500V |
| C661 | 1-123-024-21 | ELECT 33 μ F 20% 160V |
| C662 | 1-107-636-11 | ELECT 10 μ F 20% 160V |
| C663 | 1-124-122-11 | ELECT 100 μ F 20% 50V |
| C664 | 1-126-235-11 | ELECT 100 μ F 20% 6.3V |
| C665 | 1-126-964-11 | ELECT 10 μ F 20% 50V |
| C667 | 1-126-971-11 | ELECT 470 μ F 20% 50V |
| C668 | 1-104-664-11 | ELECT 47 μ F 20% 25V |
| C669 | 1-162-318-11 | CERAMIC 0.001 μ F 10% 500V |
| C670 | 1-104-664-11 | ELECT 47 μ F 20% 25V |
| C671 | 1-104-664-11 | ELECT 47 μ F 20% 25V |
| C672 | 1-104-665-11 | ELECT 100 μ F 20% 25V |
| C673 | 1-104-664-11 | ELECT 47 μ F 20% 25V |
| C674 | 1-104-664-11 | ELECT 47 μ F 20% 25V |
| C675 | 1-104-664-11 | ELECT 47 μ F 20% 25V |
| C676 | 1-104-664-11 | ELECT 47 μ F 20% 25V |
| C677 | 1-125-473-11 | ELECT(BLOCK) 1000 μ F 20% 160V |
| C678 | 1-107-635-11 | ELECT 4.7 μ F 20% 160V |

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

G

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|-------------|-----------------------|------------------------------|--------|
| C679 | 1-164-644-11 | CERAMIC 330PF 10% 500V | |
| C680 | 1-124-903-11 | ELECT 1 μ F 20% 50V | |
| C682 | 1-124-903-11 | ELECT 1 μ F 20% 50V | |
| C683 | 1-107-635-11 | ELECT 4.7 μ F 20% 160V | |
| C691 | 1-126-964-11 | ELECT 10 μ F 20% 50V | |
| <CONNECTOR> | | | |
| CN606 | 1-695-915-11 | TAB (CONTACT) | |
| CN609 | *1-564-507-11 | PLUG, CONNECTOR 4P | |
| CN610 | *1-573-963-11 | PIN, CONNECTOR (PC BOARD) 3P | |
| CN615 | 1-695-915-11 | TAB (CONTACT) | |
| CN616 | *1-564-507-11 | PLUG, CONNECTOR 4P | |
| CN617 | *1-580-843-11 | PIN, CONNECTOR (POWER) | |
| CN625 | *1-564-513-11 | PLUG, CONNECTOR 10P | |
| CN626 | *1-564-506-11 | PLUG, CONNECTOR 3P | |
| CN653 | *1-564-507-11 | PLUG, CONNECTOR 4P | |
| CN681 | *1-573-986-11 | PIN, CONNECTOR (PC BOARD) 5P | |
| <DIODE> | | | |
| D601 | Δ 8-719-052-29 | DIODE 1N4SB60-F | |
| D604 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D605 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D606 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D607 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D608 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D609 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D610 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D611 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D655 | 8-719-052-92 | DIODE D10SBS4F | |
| D656 | 8-719-022-97 | DIODE D2S4MF | |
| D657 | 8-719-022-97 | DIODE D2S4MF | |
| D658 | 8-719-022-97 | DIODE D2S4MF | |
| D659 | 8-719-022-97 | DIODE D2S4MF | |
| D660 | 8-719-052-86 | DIODE D2L40-TA | |
| D661 | 8-719-052-86 | DIODE D2L40-TA | |
| D662 | 8-719-052-31 | DIODE D1NL40-TR2 | |
| D663 | 8-719-052-31 | DIODE D1NL40-TR2 | |
| D664 | 8-719-510-26 | DIODE D1NL20 | |
| D665 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D666 | 8-719-110-57 | DIODE RD22ESB2 | |
| D667 | 8-719-110-22 | DIODE RD1IESB2 | |
| D669 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D670 | 8-719-110-41 | DIODE RD1ESB2 | |
| D671 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D672 | 8-719-109-54 | DIODE RD2.2ESB2 | |
| D673 | 8-719-110-49 | DIODE RD18ESB2 | |
| D674 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D675 | 8-719-109-85 | DIODE RD5.1ESB2 | |
| D676 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D677 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D678 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D679 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D680 | 8-719-200-82 | DIODE 11ES2 | |
| D681 | 8-719-200-82 | DIODE 11ES2 | |
| D682 | 8-719-200-82 | DIODE 11ES2 | |
| D683 | 8-719-200-82 | DIODE 11ES2 | |
| D685 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D686 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D687 | 8-719-109-51 | DIODE RD2.0ESB2 | |
| D688 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D689 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D690 | 8-719-109-89 | DIODE RD5.6ESB2 | |
| D691 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D693 | 8-719-991-33 | DIODE 1SS133T-77 | |
| <FUSE> | | | |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------------|-----------------------|------------------------------------|--------|
| F601 | Δ 1-576-193-11 | FUSE (6.3A/125V) | |
| | 1-533-223-11 | CLIP, FUSE; F601 | |
| <FERRITE BEAD> | | | |
| FB651 | 1-410-396-41 | FERRITE BEAD INDUCTOR 0.45 μ H | |
| FB652 | 1-410-396-41 | FERRITE BEAD INDUCTOR 0.45 μ H | |
| <IC> | | | |
| IC651 | Δ 1-810-051-11 | POWER MODULE DM-48 | |
| IC652 | 8-759-231-58 | IC TA7812S | |
| <COIL> | | | |
| L653 | 1-412-519-11 | INDUCTOR 3.3 μ H | |
| L654 | 1-403-588-11 | CIL, CHOKE 22 μ H | |
| L655 | 1-403-588-11 | CIL, CHOKE 22 μ H | |
| L656 | 1-412-519-11 | INDUCTOR 3.3 μ H | |
| L657 | 1-403-588-11 | CIL, CHOKE 22 μ H | |
| L658 | 1-403-588-11 | CIL, CHOKE 22 μ H | |
| <TRANSISTOR> | | | |
| Q601 | 8-729-019-49 | TRANSISTOR 2SC4834M | |
| Q602 | 8-729-019-49 | TRANSISTOR 2SC4834M | |
| Q651 | 8-729-820-82 | TRANSISTOR 2SA1208-S | |
| Q652 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q653 | 8-729-230-45 | TRANSISTOR 2SC2458-YGR | |
| Q654 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q655 | 8-729-230-45 | TRANSISTOR 2SC2458-YGR | |
| Q656 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q657 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| Q658 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q659 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q660 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q661 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q662 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q663 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| <RESISTOR> | | | |
| R602 | Δ 1-219-236-91 | SOLID 2.2M 20% 1/2W | |
| R603 | Δ 1-205-997-11 | WIREWOUND 2.2 5% 10W | |
| R604 | Δ 1-247-891-91 | CARBON 330K 5% 1/4W | |
| R605 | Δ 1-247-891-91 | CARBON 330K 5% 1/4W | |
| R606 | 1-202-933-61 | FUSIBLE 0.1 10% 1/2W | F |
| R607 | 1-247-891-00 | CARBON 330K 5% 1/4W | |
| R608 | 1-247-891-00 | CARBON 330K 5% 1/4W | |
| R609 | 1-216-369-00 | METAL OXIDE 1 5% 2W | F |
| R610 | 1-247-891-00 | CARBON 330K 5% 1/4W | |
| R611 | 1-247-891-00 | CARBON 330K 5% 1/4W | |
| R612 | 1-216-369-00 | METAL OXIDE 1 5% 2W | F |
| R613 | 1-247-791-91 | CARBON 22 5% 1/4W | |
| R614 | 1-247-791-91 | CARBON 22 5% 1/4W | |
| R615 | 1-247-791-91 | CARBON 22 5% 1/4W | |
| R616 | 1-247-791-91 | CARBON 22 5% 1/4W | |
| R631 | 1-247-863-91 | CARBON 22K 5% 1/4W | |
| R632 | 1-247-807-31 | CARBON 100 5% 1/4W | |
| R633 | 1-247-807-31 | CARBON 100 5% 1/4W | |
| R634 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R635 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | |
| R636 | 1-249-413-11 | CARBON 470 5% 1/4W | |
| R653 | 1-249-418-11 | CARBON 1.2K 5% 1/4W | F |
| R654 | 1-215-473-00 | METAL 150K 1% 1/4W | |
| R655 | 1-249-441-11 | CARBON 100K 5% 1/4W | |
| R656 | 1-216-369-00 | METAL OXIDE 1 5% 2W | F |
| R657 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R658 | 1-247-883-00 | CARBON 150K 5% 1/4W | |



Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|-----------------------|---------------------|--------|
| R659 | 1-249-417-11 | CARBON 1K 5% 1/4W | F |
| R660 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R661 | 1-215-471-00 | METAL 120K 1% 1/4W | |
| R662 | Δ 1-215-452-91 | METAL 20K 1% 1/4W | |
| R664 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R665 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | |
| R666 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R667 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R670 | 1-247-895-91 | CARBON 470K 5% 1/4W | |
| R672 | 1-247-807-31 | CARBON 100 5% 1/4W | |
| R673 | 1-249-423-11 | CARBON 3.3K 5% 1/4W | |
| R674 | 1-249-413-11 | CARBON 470 5% 1/4W | |
| R675 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R676 | 1-249-421-11 | CARBON 2.2K 5% 1/4W | |
| R677 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R678 | 1-249-423-11 | CARBON 3.3K 5% 1/4W | |
| R679 | 1-249-423-11 | CARBON 3.3K 5% 1/4W | |
| R680 | 1-249-413-11 | CARBON 470 5% 1/4W | |
| R681 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | |
| R682 | 1-249-403-11 | CARBON 68 5% 1/4W | |
| R683 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R684 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R685 | 1-247-863-91 | CARBON 22K 5% 1/4W | |
| R686 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R687 | 1-249-423-11 | CARBON 3.3K 5% 1/4W | |
| R688 | 1-249-423-11 | CARBON 3.3K 5% 1/4W | |
| R689 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R690 | 1-247-863-91 | CARBON 22K 5% 1/4W | |
| R691 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R693 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | |
| R694 | 1-249-425-11 | CARBON 4.7K 5% 1/4W | |
| R695 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R697 | 1-249-413-11 | CARBON 470 5% 1/4W | |
| R698 | 1-249-429-11 | CARBON 10K 5% 1/4W | |
| R699 | 1-249-417-11 | CARBON 1K 5% 1/4W | |

<RELAY>

RY601 Δ 1-755-032-11 RELAY
RY602 Δ 1-755-032-11 RELAY

<TRANSFORMER>

T601 Δ 1-424-248-11 TRANSFORMER, LINE FILTER
T602 Δ 1-427-863-11 TRANSFORMER, CONVERTER (PIT)
T603 Δ 1-423-665-11 TRANSFORMER, POWER
T604 Δ 1-427-864-12 TRANSFORMER, CONVERTER (PRT)
T605 Δ 1-424-248-11 TRANSFORMER, LINE FILTER

<VARISTOR>

VDR601 1-801-074-41 VARISTOR ERZV10D271

* A-1331-501-A CR BOARD, COMPLETE

4-382-854-11 SCREW (M3X10), P, SW (+)

<CAPACITOR>

C701 1-104-664-11 ELECT 47 μ F 20% 25V
C702 1-107-662-11 ELECT 22 μ F 20% 250V
C703 1-161-754-00 CERAMIC 0.001 μ F 10% 2KV
C704 1-126-768-11 ELECT 2200 μ F 20% 16V
C705 1-102-050-00 CERAMIC 0.01 μ F 500V
C706 1-102-949-00 CERAMIC 12PF 5% 50V

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|------------------------------|--------|
| C707 | 1-102-129-00 | CERAMIC 0.01 μ F 10% 50V | |
| C708 | 1-104-664-11 | ELECT 47 μ F 20% 25V | |
| C709 | 1-107-651-11 | ELECT 4.7 μ F 20% 250V | |
| C710 | 1-102-157-00 | CERAMIC 560PF 10% 500V | |
| C714 | 1-162-115-00 | CERAMIC 330PF 10% 2KV | |
| C715 | 1-164-097-11 | CERAMIC 0.022 μ F 50V | |
| C716 | 1-102-050-00 | CERAMIC 0.01 μ F 500V | |

<CONNECTOR>

CN701 * 1-508-784-00 PIN, CONNECTOR (5mm PITCH) 1P
CN702 * 1-564-510-11 PLUG, CONNECTOR 7P
CN703 * 1-564-512-11 PLUG, CONNECTOR 9P
CN704 * 1-564-512-11 PLUG, CONNECTOR 9P
CN705 * 1-564-511-11 PLUG, CONNECTOR 8P
CN706 1-695-915-11 TAB (CONTACT)
CN708 1-251-179-11 SOCKET, PICTURE TUBE
CN709 * 1-564-506-11 PLUG, CONNECTOR 3P

<DIODE>

D701 8-719-991-33 DIODE 1SS133T-77
D702 8-719-991-33 DIODE 1SS133T-77
D703 8-719-991-33 DIODE 1SS133T-77
D704 8-719-110-36 DIODE RD13ESB2
D705 8-719-210-21 DIODE 11EQS04
D706 8-719-991-33 DIODE 1SS133T-77
D707 8-719-110-36 DIODE RD13ESB2
D708 8-719-901-83 DIODE 1SS83
D710 8-719-109-89 DIODE RD5.6ESB2
D711 8-719-991-33 DIODE 1SS133T-77

D713 8-719-510-48 DIODE D1N20R
D716 8-719-110-36 DIODE RD13ESB2
D717 8-719-110-36 DIODE RD13ESB2

<IC>

IC701 8-759-168-72 IC TDA6101Q

<COIL>

L701 1-408-429-00 INDUCTOR 470 μ H

<NEON LAMP>

NL701 1-519-108-XX LAMP, NEON

<TRANSISTOR>

Q701 8-729-119-76 TRANSISTOR 2SA1175-HFE

<RESISTOR>

R701 1-215-411-00 METAL 390 1% 1/4W
R702 1-215-414-00 METAL 510 1% 1/4W
R704 1-202-847-00 SOLID 560K 20% 1/2W
R706 1-249-407-11 CARBON 150 5% 1/4W
R707 1-215-423-00 METAL 1.2K 1% 1/4W
R708 1-202-883-11 SOLID 680K 20% 1/2W
R709 1-215-437-00 METAL 4.7K 1% 1/4W
R710 1-215-427-00 METAL 1.8K 1% 1/4W
R711 1-215-427-00 METAL 1.8K 1% 1/4W
R712 1-215-903-11 METAL OXIDE 68K 5% 2W F

R713 1-202-818-00 SOLID 1K 20% 1/2W
R714 1-202-818-00 SOLID 1K 20% 1/2W
R715 1-249-436-11 CARBON 39K 5% 1/4W
R716 1-249-437-11 CARBON 47K 5% 1/4W
R718 1-249-417-11 CARBON 1K 5% 1/4W

CR

CG

CB

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|-------------|----------|
| R719 | 1-247-807-31 | CARBON 100 | 5% 1/4W |
| R720 | 1-249-437-11 | CARBON 47K | 5% 1/4W |
| R721 | 1-202-549-00 | SOLID 100 | 20% 1/2W |
| R722 | 1-202-549-00 | SOLID 100 | 20% 1/2W |

<SPARK GAP>

| | | |
|-------|--------------|------------|
| SG701 | 1-519-422-11 | GAP, SPARK |
| SG702 | 1-519-422-11 | GAP, SPARK |
| SG703 | 1-519-422-11 | GAP, SPARK |

* A-1331-502-A CG BOARD, COMPLETE

4-382-854-11 SCREW (M3X10), P, SW (+)

<CAPACITOR>

| | | | |
|------|--------------|-----------------|----------|
| C731 | 1-161-754-00 | CERAMIC 0.001μF | 10% 2KV |
| C732 | 1-107-662-11 | ELECT 22μF | 20% 250V |
| C733 | 1-102-050-00 | CERAMIC 0.01μF | 500V |
| C736 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C738 | 1-107-651-11 | ELECT 4.7μF | 20% 250V |
| C739 | 1-102-953-00 | CERAMIC 18PF | 5% 50V |
| C740 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C741 | 1-102-157-00 | CERAMIC 560PF | 10% 500V |
| C742 | 1-162-115-00 | CERAMIC 330PF | 10% 2KV |
| C743 | 1-164-097-11 | CERAMIC 0.022μF | 50V |
| C744 | 1-102-050-00 | CERAMIC 0.01μF | 500V |

<CONNECTOR>

| | | |
|-------|----------------|-------------------------------|
| CN731 | * 1-508-784-00 | PIN, CONNECTOR (5mm PITCH) 1P |
| CN732 | * 1-564-512-11 | PLUG, CONNECTOR 9P |
| CN733 | * 1-564-512-11 | PLUG, CONNECTOR 9P |
| CN734 | * 1-564-511-11 | PLUG, CONNECTOR 8P |
| CN735 | * 1-564-509-11 | PLUG, CONNECTOR 6P |
| CN736 | 1-695-915-11 | TAB (CONTACT) |
| CN738 | 1-251-179-11 | SOCKET, PICTURE TUBE |

<DIODE>

| | | |
|------|--------------|----------------|
| D731 | 8-719-110-36 | DIODE RD13ESB2 |
| D732 | 8-719-901-83 | DIODE 1SS83 |
| D736 | 8-719-510-48 | DIODE D1N20R |
| D737 | 8-719-110-36 | DIODE RD13ESB2 |

<IC>

| | | |
|-------|--------------|-------------|
| IC731 | 8-759-168-72 | IC TDA6101Q |
|-------|--------------|-------------|

<COIL>

| | | |
|------|--------------|----------------|
| L731 | 1-408-429-00 | INDUCTOR 470μH |
|------|--------------|----------------|

<NEON LAMP>

| | | |
|-------|--------------|------------|
| NL731 | 1-519-108-XX | LAMP, NEON |
|-------|--------------|------------|

<RESISTOR>

| | | | |
|------|--------------|-------------|----------|
| R731 | 1-202-847-00 | SOLID 560K | 20% 1/2W |
| R733 | 1-202-883-11 | SOLID 680K | 20% 1/2W |
| R734 | 1-202-818-00 | SOLID 1K | 20% 1/2W |
| R735 | 1-249-407-11 | CARBON 150 | 5% 1/4W |
| R736 | 1-249-441-11 | CARBON 100K | 5% 1/4W |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|-------------|----------|
| R737 | 1-202-818-00 | SOLID 1K | 20% 1/2W |
| R738 | 1-202-549-00 | SOLID 100 | 20% 1/2W |
| R739 | 1-215-420-00 | METAL 910 | 1% 1/4W |
| R740 | 1-215-427-00 | METAL 1.8K | 1% 1/4W |
| R741 | 1-249-437-11 | CARBON 47K | 5% 1/4W |

| | | | |
|------|--------------|-----------------|---------|
| R742 | 1-215-903-11 | METAL OXIDE 68K | 5% 2W F |
|------|--------------|-----------------|---------|

<SPARK GAP>

| | | |
|-------|--------------|------------|
| SG731 | 1-519-422-11 | GAP, SPARK |
| SG732 | 1-519-422-11 | GAP, SPARK |
| SG733 | 1-519-422-11 | GAP, SPARK |

* A-1331-503-A CB BOARD, COMPLETE

4-382-854-11 SCREW (M3X10), P, SW (+)

<CAPACITOR>

| | | | |
|------|--------------|-----------------|----------|
| C761 | 1-161-754-00 | CERAMIC 0.001μF | 10% 2KV |
| C762 | 1-107-662-11 | ELECT 22μF | 20% 250V |
| C763 | 1-102-050-00 | CERAMIC 0.01μF | 500V |
| C766 | 1-107-651-11 | ELECT 4.7μF | 20% 250V |
| C769 | 1-102-953-00 | CERAMIC 18PF | 5% 50V |
| C770 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C771 | 1-102-157-00 | CERAMIC 560PF | 10% 500V |
| C772 | 1-162-115-00 | CERAMIC 330PF | 10% 2KV |
| C773 | 1-164-097-11 | CERAMIC 0.022μF | 50V |
| C774 | 1-102-050-00 | CERAMIC 0.01μF | 500V |

<CONNECTOR>

| | | |
|-------|----------------|-------------------------------|
| CN761 | * 1-508-784-00 | PIN, CONNECTOR (5mm PITCH) 1P |
| CN762 | * 1-564-512-11 | PLUG, CONNECTOR 9P |
| CN763 | * 1-564-509-11 | PLUG, CONNECTOR 6P |
| CN766 | 1-695-915-11 | TAB (CONTACT) |
| CN768 | 1-251-179-11 | SOCKET, PICTURE TUBE |

<DIODE>

| | | |
|------|--------------|------------------|
| D761 | 8-719-110-36 | DIODE RD13ESB2 |
| D762 | 8-719-901-83 | DIODE 1SS83 |
| D763 | 8-719-991-33 | DIODE 1SS133T-77 |
| D764 | 8-719-110-36 | DIODE RD13ESB2 |
| D765 | 8-719-110-36 | DIODE RD13ESB2 |
| D768 | 8-719-510-48 | DIODE D1N20R |
| D769 | 8-719-110-36 | DIODE RD13ESB2 |

<IC>

| | | |
|-------|--------------|-------------|
| IC761 | 8-759-168-72 | IC TDA6101Q |
|-------|--------------|-------------|

<COIL>

| | | |
|------|--------------|----------------|
| L761 | 1-408-429-00 | INDUCTOR 470μH |
|------|--------------|----------------|

<NEON LAMP>

| | | |
|-------|--------------|------------|
| NL760 | 1-519-108-XX | LAMP, NEON |
|-------|--------------|------------|

<RESISTOR>

| | | | |
|------|--------------|------------|----------|
| R761 | 1-202-847-00 | SOLID 560K | 20% 1/2W |
| R763 | 1-202-883-11 | SOLID 680K | 20% 1/2W |
| R764 | 1-202-818-00 | SOLID 1K | 20% 1/2W |
| R767 | 1-202-818-00 | SOLID 1K | 20% 1/2W |

CB

E

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|---------------------------------------|--------------|---------------------------|--------|
| R768 | 1-202-549-00 | SOLID 100 20% | 1/2W |
| R769 | 1-215-421-00 | METAL 1K 1% | 1/4W |
| R770 | 1-249-426-11 | CARBON 5.6K 5% | 1/4W |
| R771 | 1-215-427-00 | METAL 1.8K 1% | 1/4W |
| R773 | 1-215-903-11 | METAL OXIDE 68K 5% | 2W |
| R774 | 1-249-407-11 | CARBON 150 5% | 1/4W |
| R775 | 1-202-549-00 | SOLID 100 20% | 1/2W |
| <SPARK GAP> | | | |
| SG761 | 1-519-422-11 | GAP, SPARK | |
| SG762 | 1-519-422-11 | GAP, SPARK | |
| SG763 | 1-519-422-11 | GAP, SPARK | |
| ***** | | | |
| * A-1341-885-A E BOARD, COMPLETE | | | |
| ***** | | | |
| 4-382-854-11 SCREW (M3X10), P, SW (+) | | | |
| <CAPACITOR> | | | |
| C801 | 1-110-626-11 | ELECT 330 μ F 20% | 160V |
| C802 | 1-163-117-00 | CERAMIC CHIP 100PF 5% | 50V |
| C803 | 1-110-626-11 | ELECT 330 μ F 20% | 160V |
| C805 | 1-136-173-00 | FILM 0.47 μ F 5% | 50V |
| C806 | 1-102-030-00 | CERAMIC 330PF 10% | 500V |
| C807 | 1-106-387-00 | MYLAR 0.068 μ F 10% | 200V |
| C808 | 1-107-636-11 | ELECT 10 μ F 20% | 160V |
| C809 | 1-104-664-11 | ELECT 47 μ F 20% | 25V |
| C810 | 1-130-481-00 | FILM 0.0068 μ F 5% | 50V |
| C811 | 1-137-475-11 | FILM 2.2 μ F 10% | 250V |
| C812 | 1-126-965-11 | ELECT 22 μ F 20% | 50V |
| C813 | 1-162-318-11 | CERAMIC 0.001 μ F 10% | 500V |
| C814 | 1-124-122-11 | ELECT 100 μ F 20% | 50V |
| C815 | 1-162-114-00 | CERAMIC 0.0047 μ F 2K | 2KV |
| C818 | 1-109-833-11 | FILM 0.0145 μ F 3% | 1.8KV |
| C819 | 1-130-489-00 | FILM 0.033 μ F 5% | 50V |
| C820 | 1-124-902-00 | ELECT 0.47 μ F 20% | 50V |
| C823 | 1-136-601-11 | FILM 0.01 μ F 5% | 630V |
| C824 | 1-126-964-11 | ELECT 10 μ F 20% | 50V |
| C825 | 1-162-318-11 | CERAMIC 0.001 μ F 10% | 500V |
| C826 | 1-130-467-00 | FILM 470PF 5% | 50V |
| C827 | 1-107-651-11 | ELECT 4.7 μ F 20% | 250V |
| C828 | 1-111-036-11 | ELECT 470 μ F 20% | 16V |
| C830 | 1-137-420-11 | FILM 0.047 μ F 10% | 100V |
| C831 | 1-126-934-11 | ELECT 220 μ F 20% | 16V |
| C832 | 1-126-967-11 | ELECT 47 μ F 20% | 50V |
| C901 | 1-163-117-00 | CERAMIC CHIP 100PF 5% | 50V |
| C902 | 1-137-370-11 | FILM 0.01 μ F 5% | 50V |
| C903 | 1-137-431-11 | FILM 560PF 5% | 50V |
| C904 | 1-137-358-11 | FILM 0.0001 μ F 5% | 50V |
| C905 | 1-104-665-11 | ELECT 100 μ F 20% | 25V |
| C906 | 1-137-370-11 | FILM 0.01 μ F 5% | 50V |
| C907 | 1-104-665-11 | ELECT 100 μ F 20% | 25V |
| C908 | 1-137-361-11 | FILM 330PF 5% | 50V |
| C909 | 1-124-903-11 | ELECT 1 μ F 20% | 50V |
| C911 | 1-163-117-00 | CERAMIC CHIP 100PF 5% | 50V |
| C912 | 1-124-903-11 | ELECT 1 μ F 20% | 50V |
| C913 | 1-124-903-11 | ELECT 1 μ F 20% | 50V |
| C915 | 1-163-105-00 | CERAMIC CHIP 33PF 5% | 50V |
| C916 | 1-124-927-11 | ELECT 4.7 μ F 20% | 50V |
| C917 | 1-126-964-11 | ELECT 10 μ F 20% | 50V |
| C918 | 1-137-364-11 | FILM 0.001 μ F 5% | 50V |
| C919 | 1-126-964-11 | ELECT 10 μ F 20% | 50V |
| C920 | 1-124-902-00 | ELECT 0.47 μ F 20% | 50V |
| C921 | 1-126-964-11 | ELECT 10 μ F 20% | 50V |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|------------------|----------------|------------------------------|--------|
| C923 | 1-126-964-11 | ELECT 10 μ F 20% | 50V |
| C924 | 1-126-940-11 | ELECT 330 μ F 20% | 16V |
| C925 | 1-137-372-11 | FILM 0.022 μ F 5% | 50V |
| C926 | 1-104-665-11 | ELECT 100 μ F 20% | 25V |
| C927 | 1-137-364-11 | FILM 0.001 μ F 5% | 50V |
| C929 | 1-137-416-11 | FILM 0.01 μ F 10% | 100V |
| C930 | 1-137-364-11 | FILM 0.001 μ F 5% | 50V |
| C931 | 1-126-967-11 | ELECT 47 μ F 20% | 50V |
| C932 | 1-124-903-11 | ELECT 1 μ F 20% | 50V |
| C934 | 1-137-370-11 | FILM 0.01 μ F 5% | 50V |
| C935 | 1-137-399-11 | FILM 0.1 μ F 10% | 100V |
| C936 | 1-126-964-11 | ELECT 10 μ F 20% | 50V |
| C937 | 1-126-964-11 | ELECT 10 μ F 20% | 50V |
| C938 | 1-126-940-11 | ELECT 330 μ F 20% | 16V |
| C939 | 1-126-964-11 | ELECT 10 μ F 20% | 50V |
| C940 | 1-104-663-11 | ELECT 33 μ F 20% | 25V |
| C941 | 1-126-964-11 | ELECT 10 μ F 20% | 50V |
| C942 | 1-104-663-11 | ELECT 33 μ F 20% | 25V |
| C943 | 1-126-965-11 | ELECT 22 μ F 20% | 50V |
| C944 | 1-126-964-11 | ELECT 10 μ F 20% | 50V |
| C945 | 1-126-964-11 | ELECT 10 μ F 20% | 50V |
| C946 | 1-124-925-11 | ELECT 2.2 μ F 20% | 50V |
| C947 | 1-104-665-11 | ELECT 100 μ F 20% | 25V |
| C948 | 1-104-665-11 | ELECT 100 μ F 20% | 25V |
| C949 | 1-126-964-11 | ELECT 10 μ F 20% | 50V |
| C950 | 1-126-964-11 | ELECT 10 μ F 20% | 50V |
| C951 | 1-109-889-11 | ELECT 1 μ F 20% | 50V |
| C955 | 1-126-964-11 | ELECT 10 μ F 20% | 50V |
| C980 | 1-137-368-11 | FILM 0.0047 μ F 5% | 50V |
| <CHIP CONDUCTOR> | | | |
| CJ901 | 1-216-295-91 | CONDUCTOR, CHIP | |
| CJ902 | 1-216-295-91 | CONDUCTOR, CHIP | |
| CJ903 | 1-216-295-91 | CONDUCTOR, CHIP | |
| CJ904 | 1-216-295-91 | CONDUCTOR, CHIP | |
| <CONNECTOR> | | | |
| CN802 | * 1-564-510-11 | PLUG, CONNECTOR 7P | |
| CN805 | 1-695-915-11 | TAB (CONTACT) | |
| CN827 | * 1-573-963-11 | PIN, CONNECTOR (PC BOARD) 3P | |
| CN851 | * 1-564-509-11 | PLUG, CONNECTOR 6P | |
| CN881 | * 1-573-986-11 | PIN, CONNECTOR (PC BOARD) 5P | |
| CN882 | * 1-691-135-11 | PIN, CONNECTOR (PC BOARD) 4P | |
| CN884 | * 1-573-964-11 | PIN, CONNECTOR (PC BOARD) 6P | |
| CN885 | * 1-506-371-00 | PIN, CONNECTOR 2P | |
| CN886 | * 1-506-371-00 | PIN, CONNECTOR 2P | |
| CN904 | * 1-564-507-11 | PLUG, CONNECTOR 4P | |
| <DIODE> | | | |
| D801 | 8-719-109-85 | DIODE RD5.1ESB2 | |
| D802 | 8-719-404-46 | DIODE MA110 | |
| D803 | 8-719-971-20 | DIODE ERC38-06 | |
| D804 | 8-719-908-03 | DIODE GP08D | |
| D805 | * 8-719-979-40 | DIODE ERC06-15STP11 | |
| D806 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D807 | * 8-719-979-40 | DIODE ERC06-15STP11 | |
| D808 | 8-719-500-71 | DIODE D8LC40 | |
| D809 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D810 | 8-719-945-80 | DIODE ERC06-15S | |
| D811 | 8-719-979-85 | DIODE EGP20G | |
| D812 | 8-719-404-46 | DIODE MA110 | |
| D814 | 8-719-920-67 | DIODE ERC91-02 | |
| D816 | 8-719-404-46 | DIODE MA110 | |
| D817 | 8-719-404-46 | DIODE MA110 | |
| D818 | 8-719-404-46 | DIODE MA110 | |
| D819 | 8-719-105-82 | DIODE RD5.1M-B2 | |

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

• The components identified by Δ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

E

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------------|--------------|------------------------------------|--------|
| D901 | 8-719-404-46 | DIODE MA110 | |
| D902 | 8-719-404-46 | DIODE MA110 | |
| D904 | 8-719-404-46 | DIODE MA110 | |
| D905 | 8-719-404-46 | DIODE MA110 | |
| D907 | 8-719-404-46 | DIODE MA110 | |
| D908 | 8-719-105-82 | DIODE RD5.1M-B2 | |
| D909 | 8-719-302-43 | DIODE EL1Z | |
| D911 | 8-719-105-82 | DIODE RD5.1M-B2 | |
| D912 | 8-719-105-82 | DIODE RD5.1M-B2 | |
| D913 | 8-719-404-46 | DIODE MA110 | |
| D914 | 8-719-404-46 | DIODE MA110 | |
| D915 | 8-719-404-46 | DIODE MA110 | |
| D916 | 8-719-105-57 | DIODE RD3.9M-B1 | |
| D917 | 8-719-404-46 | DIODE MA110 | |
| D918 | 8-719-404-46 | DIODE MA110 | |
| D919 | 8-719-106-81 | DIODE RD13M-B3 | |
| D920 | 8-759-157-40 | IC uPC574J | |
| D921 | 8-719-106-81 | DIODE RD13M-B3 | |
| D922 | 8-719-404-46 | DIODE MA110 | |
| D923 | 8-719-404-46 | DIODE MA110 | |
| D924 | 8-719-404-46 | DIODE MA110 | |
| D925 | 8-719-105-45 | DIODE RD3.3M-B1 | |
| D926 | 8-719-404-46 | DIODE MA110 | |
| D927 | 8-719-105-73 | DIODE RD4.7M-B2 | |
| <FERRITE BEAD> | | | |
| FB001 | 1-410-396-41 | FERRITE BEAD INDUCTOR 0.45 μ H | |
| <IC> | | | |
| IC901 | 8-759-133-90 | IC uPC339C | |
| IC902 | 8-759-133-90 | IC uPC339C | |
| IC903 | 8-759-711-28 | IC NJM2058D | |
| IC904 | 8-759-634-51 | IC M5218AP | |
| IC905 | 8-759-929-65 | IC LM7912CT | |
| IC906 | 8-759-231-58 | IC TA7812S | |
| <COIL> | | | |
| L801 | 1-406-665-11 | COIL, CHOKE 100 μ H | |
| L802 | 1-406-665-11 | COIL, CHOKE 100 μ H | |
| L803 | 1-422-613-11 | COIL, AIR CORE | |
| L804 | 1-411-286-11 | COIL, CHOKE 220 μ H | |
| L901 | 1-408-416-00 | INDUCTOR 39 μ H | |
| L902 | 1-408-416-00 | INDUCTOR 39 μ H | |
| <NEON LAMP> | | | |
| NL802 | 1-519-108-XX | LAMP, NEON | |
| <TRANSISTOR> | | | |
| Q801 | 8-729-119-80 | TRANSISTOR 2SC2688-LK | |
| Q802 | 8-729-119-80 | TRANSISTOR 2SC2688-LK | |
| Q803 | 8-729-122-12 | TRANSISTOR 2SA1221-L | |
| Q806 | 8-729-805-07 | TRANSISTOR 2SD1887-CA | |
| Q807 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q808 | 8-729-024-30 | TRANSISTOR IRFI640LF | |
| Q809 | 8-729-823-81 | TRANSISTOR 2SC4632LS-CB7 | |
| Q810 | 8-729-231-55 | TRANSISTOR 2SC2878-AB | |
| Q811 | 8-729-823-81 | TRANSISTOR 2SC4632LS-CB7 | |
| Q813 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q901 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q902 | 8-729-140-93 | TRANSISTOR 2SB733-34 | |
| Q903 | 8-729-140-96 | TRANSISTOR 2SD774-34 | |
| Q904 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q905 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|------------|--------------|-----------------------|-------------|
| Q906 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q907 | 8-729-231-55 | TRANSISTOR 2SC2878-AB | |
| Q908 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q909 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q910 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q911 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q912 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q913 | 8-729-900-36 | TRANSISTOR DTC124ES | |
| Q914 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q915 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| <RESISTOR> | | | |
| R800 | 1-216-637-11 | METAL CHIP 270 | 0.50% 1/10W |
| R801 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R802 | 1-249-421-11 | CARBON 2.2K | 5% 1/4W |
| R804 | 1-249-425-11 | CARBON 4.7K | 5% 1/4W F |
| R805 | 1-216-435-11 | METAL OXIDE 2.7K | 5% 1W F |
| R806 | 1-249-431-11 | CARBON 15K | 5% 1/4W F |
| R807 | 1-260-325-11 | CARBON 560 | 5% 1/2W |
| R808 | Δ | CARBON | 5% 1/4W F |
| R809 | Δ | CARBON | 5% 1/4W F |
| R810 | 1-249-427-11 | CARBON 6.8K | 5% 1/4W F |
| R811 | 1-216-097-91 | METAL GLAZE 100K | 5% 1/10W |
| R812 | 1-216-395-00 | METAL OXIDE 3.3 | 5% 3W F |
| R813 | 1-216-484-00 | METAL OXIDE 3.9K | 5% 3W F |
| R814 | 1-215-919-11 | METAL OXIDE 2.2K | 5% 3W F |
| R816 | 1-216-051-00 | METAL GLAZE 1.2K | 5% 1/10W |
| R817 | 1-216-395-00 | METAL OXIDE 3.3 | 5% 3W F |
| R818 | 1-249-405-11 | CARBON 100 | 5% 1/4W F |
| R819 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W |
| R820 | 1-215-905-11 | METAL OXIDE 10 | 5% 3W F |
| R821 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R822 | 1-215-928-11 | METAL OXIDE 68K | 5% 3W F |
| R823 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R825 | 1-215-928-11 | METAL OXIDE 68K | 5% 3W F |
| R826 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R830 | 1-215-928-11 | METAL OXIDE 68K | 5% 3W F |
| R831 | 1-215-919-11 | METAL OXIDE 2.2K | 5% 3W F |
| R832 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R835 | 1-249-474-11 | CARBON 1 | 5% 1/2W F |
| R836 | 1-202-818-00 | SOLID 1K | 20% 1/2W |
| R837 | 1-215-870-11 | METAL OXIDE 1.5K | 5% 1W F |
| R838 | 1-247-807-31 | CARBON 100 | 5% 1/4W |
| R839 | 1-249-429-11 | CARBON 10K | 5% 1/4W F |
| R841 | 1-216-491-11 | METAL OXIDE 56K | 5% 3W F |
| R843 | 1-202-549-00 | SOLID 100 | 20% 1/2W |
| R844 | 1-216-491-11 | METAL OXIDE 56K | 5% 3W F |
| R846 | 1-202-838-00 | SOLID 100K | 20% 1/2W |
| R847 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R849 | 1-247-863-91 | CARBON 22K | 5% 1/4W |
| R850 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |
| R851 | 1-216-667-11 | METAL CHIP 4.7K | 0.50% 1/10W |
| R852 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R854 | 1-249-381-11 | CARBON 1 | 5% 1/4W F |
| R855 | 1-208-822-11 | METAL CHIP 47K | 0.50% 1/10W |
| R856 | 1-208-822-11 | METAL CHIP 47K | 0.50% 1/10W |
| R857 | 1-216-699-11 | METAL CHIP 100K | 0.50% 1/10W |
| R858 | 1-208-810-11 | METAL CHIP 15K | 0.50% 1/10W |
| R859 | 1-249-381-11 | CARBON 1 | 5% 1/4W F |
| R883 | 1-216-091-00 | METAL GLAZE 56K | 5% 1/10W |
| R888 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R901 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R902 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R903 | 1-216-085-00 | METAL GLAZE 33K | 5% 1/10W |
| R904 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R905 | 1-247-739-11 | CARBON 100 | 5% 1/2W F |
| R906 | 1-247-739-11 | CARBON 100 | 5% 1/2W F |

• The components identified by **E** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

Les composants identifiés par une trame et une marque **E** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by shading and mark **E** are critical for safety. Replace only with part number specified.

E
D

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|------------------|-------------|
| R907 | 1-216-091-00 | METAL GLAZE 56K | 5% 1/10W |
| R908 | 1-216-085-00 | METAL GLAZE 33K | 5% 1/10W |
| R909 | 1-216-113-00 | METAL GLAZE 470K | 5% 1/10W |
| R910 | 1-216-059-00 | METAL GLAZE 2.7K | 5% 1/10W |
| R911 | 1-216-059-00 | METAL GLAZE 2.7K | 5% 1/10W |
| R912 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R913 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W |
| R914 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R915 | 1-216-091-00 | METAL GLAZE 56K | 5% 1/10W |
| R916 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R917 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R918 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R919 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W |
| R920 | 1-216-113-00 | METAL GLAZE 470K | 5% 1/10W |
| R921 | 1-216-059-00 | METAL GLAZE 2.7K | 5% 1/10W |
| R922 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R923 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W |
| R924 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R926 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R927 | 1-249-377-11 | CARBON 0.47 | 5% 1/4W F |
| R928 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R929 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R930 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |
| R931 | 1-216-059-00 | METAL GLAZE 2.7K | 5% 1/10W |
| R932 | 1-216-059-00 | METAL GLAZE 2.7K | 5% 1/10W |
| R933 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |
| R934 | 1-216-085-00 | METAL GLAZE 33K | 5% 1/10W |
| R935 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R936 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R937 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R938 | 1-208-810-11 | METAL CHIP 15K | 0.50% 1/10W |
| R939 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R940 | 1-216-083-00 | METAL GLAZE 27K | 5% 1/10W |
| R941 | 1-216-091-00 | METAL GLAZE 56K | 5% 1/10W |
| R942 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R943 | 1-249-377-11 | CARBON 0.47 | 5% 1/4W F |
| R944 | 1-216-689-11 | METAL GLAZE 39K | 5% 1/10W |
| R945 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W |
| R946 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R947 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R948 | 1-216-051-00 | METAL GLAZE 1.2K | 5% 1/10W |
| R950 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R952 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R954 | 1-214-777-00 | METAL 100K | 1% 1/4W |
| R955 | 1-214-769-00 | METAL 47K | 1% 1/4W |
| R956 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R957 | 1-218-754-11 | METAL CHIP 120K | 0.50% 1/10W |
| R958 | 1-218-756-11 | METAL CHIP 150K | 0.50% 1/10W |
| R959 | 1-214-757-00 | METAL 15K | 1% 1/4W |
| R960 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W |
| R962 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R963 | 1-214-749-00 | METAL 6.8K | 1% 1/4W |
| R964 | 1-214-757-00 | METAL 15K | 1% 1/4W |
| R965 | 1-216-097-91 | METAL GLAZE 100K | 5% 1/10W |
| R966 | 1-214-757-00 | METAL 15K | 1% 1/4W |
| R967 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R968 | 1-214-751-00 | METAL 8.2K | 1% 1/4W |
| R969 | 1-214-731-00 | METAL 1.2K | 1% 1/4W |
| R970 | 1-214-757-00 | METAL 15K | 1% 1/4W |
| R971 | 1-216-121-91 | METAL GLAZE 1M | 5% 1/10W |
| R972 | 1-216-699-11 | METAL CHIP 100K | 0.50% 1/10W |
| R973 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |
| R974 | 1-216-699-11 | METAL CHIP 100K | 0.50% 1/10W |
| R975 | 1-216-043-91 | METAL GLAZE 560 | 5% 1/10W |
| R976 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R977 | 1-216-075-00 | METAL GLAZE 12K | 5% 1/10W |
| R978 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R979 | 1-216-075-00 | METAL GLAZE 12K | 5% 1/10W |
| R980 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------------------------------|--------------|-------------------------------|---------------|
| R981 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R982 | 1-216-671-11 | METAL CHIP 6.8K | 0.50% 1/10W |
| R983 | 1-216-083-00 | METAL GLAZE 27K | 5% 1/10W |
| R984 | 1-208-812-11 | METAL CHIP 18K | 0.50% 1/10W |
| R985 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R986 | 1-216-059-00 | METAL GLAZE 2.7K | 5% 1/10W |
| R987 | 1-216-462-00 | METAL OXIDE 8.2K | 5% 2W F |
| R988 | 1-215-897-11 | METAL OXIDE 6.8K | 5% 2W F |
| R989 | 1-208-801-11 | METAL CHIP 6.2K | 0.50% 1/10W |
| R990 | 1-249-431-11 | CARBON 15K | 5% 1/4W |
| R991 | 1-249-431-11 | CARBON 15K | 5% 1/4W |
| R992 | 1-247-807-31 | CARBON 100 | 5% 1/4W |
| R993 | 1-216-677-11 | METAL CHIP 12K | 0.50% 1/10W |
| R994 | 1-208-814-11 | METAL CHIP 22K | 0.50% 1/10W |
| R995 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R996 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R997 | 1-216-051-00 | METAL GLAZE 1.2K | 5% 1/10W |
| R998 | | | |
| R999 | | | |
| SG801 | 1-519-422-11 | GAP, SPARK | |
| | | <SPARK GAP> | |
| | | <TRANSFORMER> | |
| T801 | 1-453-189-11 | TRANSFORMER ASSY, FLYBACK | (NX-2631/A4S) |
| T802 | 1-437-209-11 | TRANSFORMER, HORIZONTAL DRIVE | |
| T803 | 1-427-980-11 | TRANSFORMER, FERRITE (LOT) | |
| ***** | | | |
| * A-1346-296-A D BOARD, COMPLETE | | | |
| ***** | | | |
| | 4-382-854-11 | SCREW (M3X10), P, SW (+) | |
| | 7-682-652-09 | SCREW +PSW 3X16 | |
| | | <CAPACITOR> | |
| C1502 | 1-126-943-11 | ELECT 2200µF | 20% 25V |
| C1503 | 1-164-232-11 | CERAMIC CHIP 0.01µF | 10% 50V |
| C1504 | 1-126-943-11 | ELECT 2200µF | 20% 25V |
| C1505 | 1-136-177-00 | FILM 1µF | 5% 50V |
| C1506 | 1-102-228-00 | CERAMIC 470PF | 10% 500V |
| C1507 | 1-164-232-11 | CERAMIC CHIP 0.01µF | 10% 50V |
| C1508 | 1-163-117-00 | CERAMIC CHIP 100PF | 5% 50V |
| C1509 | 1-124-122-11 | ELECT 100µF | 20% 50V |
| C1510 | 1-137-401-11 | FILM 0.22µF | 10% 100V |
| C1511 | 1-137-423-11 | FILM 0.15µF | 10% 100V |
| C1512 | 1-137-423-11 | FILM 0.15µF | 10% 100V |
| C1513 | 1-163-109-00 | CERAMIC CHIP 47PF | 5% 50V |
| C1514 | 1-163-031-11 | CERAMIC CHIP 0.01µF | 50V |
| C1515 | 1-163-031-11 | CERAMIC CHIP 0.01µF | 50V |
| C1516 | 1-136-177-00 | FILM 1µF | 5% 50V |
| C1517 | 1-163-125-00 | CERAMIC CHIP 220PF | 5% 50V |
| C1551 | 1-126-964-11 | ELECT 10µF | 20% 50V |
| C1603 | 1-163-117-00 | CERAMIC CHIP 100PF | 5% 50V |
| C1604 | 1-163-117-00 | CERAMIC CHIP 100PF | 5% 50V |
| C1605 | 1-163-117-00 | CERAMIC CHIP 100PF | 5% 50V |
| C1606 | 1-163-117-00 | CERAMIC CHIP 100PF | 5% 50V |
| C1607 | 1-163-117-00 | CERAMIC CHIP 100PF | 5% 50V |
| C1608 | 1-163-117-00 | CERAMIC CHIP 100PF | 5% 50V |
| C1611 | 1-124-122-11 | ELECT 100µF | 20% 50V |
| C1612 | 1-104-665-11 | ELECT 100µF | 20% 25V |
| C1613 | 1-124-122-11 | ELECT 100µF | 20% 50V |
| C1615 | 1-104-665-11 | ELECT 100µF | 20% 25V |

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| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|--------------|-----------------|------------------|----------------|------------------------------|---------------|
| C1617 | 1-126-941-11 | ELECT | 470μF 20% 25V | C1859 | 1-163-809-11 | CERAMIC CHIP 0.047μF 10% 25V | |
| C1619 | 1-104-665-11 | ELECT | 100μF 20% 25V | C1860 | 1-163-809-11 | CERAMIC CHIP 0.047μF 10% 25V | |
| C1620 | 1-126-941-11 | ELECT | 470μF 20% 25V | C1861 | 1-124-122-11 | ELECT | 100μF 20% 50V |
| C1622 | 1-104-665-11 | ELECT | 100μF 20% 25V | C1862 | 1-124-903-11 | ELECT | 1μF 20% 50V |
| C1701 | 1-126-935-11 | ELECT | 470μF 20% 16V | C1863 | 1-136-173-00 | FILM | 0.47μF 5% 50V |
| C1702 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | C1864 | 1-124-903-11 | ELECT | 1μF 20% 50V |
| C1703 | 1-163-099-00 | CERAMIC CHIP | 18PF 5% 50V | C1865 | 1-124-903-11 | ELECT | 1μF 20% 50V |
| C1704 | 1-163-125-00 | CERAMIC CHIP | 220PF 5% 50V | C1866 | 1-126-967-11 | ELECT | 47μF 20% 50V |
| C1705 | 1-163-099-00 | CERAMIC CHIP | 18PF 5% 50V | <CHIP CONDUCTOR> | | | |
| C1709 | 1-163-031-11 | CERAMIC CHIP | 0.01μF 50V | CJ1 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1723 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V | CJ2 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1724 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V | CJ3 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1801 | 1-124-903-11 | ELECT | 1μF 20% 50V | CJ4 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1802 | 1-126-964-11 | ELECT | 10μF 20% 50V | CJ5 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1803 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ6 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1805 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ7 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1806 | 1-163-127-00 | CERAMIC CHIP | 270PF 5% 50V | CJ8 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1807 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ9 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1808 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ10 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1809 | 1-126-940-11 | ELECT | 330μF 20% 16V | CJ11 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1810 | 1-126-940-11 | ELECT | 330μF 20% 16V | CJ12 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1811 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ13 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1812 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ16 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1813 | 1-163-275-11 | CERAMIC CHIP | 0.001μF 5% 50V | CJ17 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1814 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ18 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1816 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V | CJ19 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1817 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V | CJ20 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1818 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ21 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1819 | 1-126-933-11 | ELECT | 100μF 20% 16V | CJ22 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1820 | 1-163-005-11 | CERAMIC CHIP | 470PF 10% 50V | CJ23 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1821 | 1-124-902-00 | ELECT | 0.47μF 20% 50V | CJ24 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1822 | 1-163-005-11 | CERAMIC CHIP | 470PF 10% 50V | CJ25 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1823 | 1-124-903-11 | ELECT | 1μF 20% 50V | CJ26 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1824 | 1-124-903-11 | ELECT | 1μF 20% 50V | CJ27 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1825 | 1-126-967-11 | ELECT | 47μF 20% 50V | CJ28 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1826 | 1-126-967-11 | ELECT | 47μF 20% 50V | CJ29 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1827 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ30 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1828 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ31 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1829 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ34 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1830 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ35 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1831 | 1-126-940-11 | ELECT | 330μF 20% 16V | CJ36 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1832 | 1-126-940-11 | ELECT | 330μF 20% 16V | CJ37 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1833 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ38 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1834 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ39 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1835 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ42 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1836 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ43 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1837 | 1-164-489-11 | CERAMIC CHIP | 0.22μF 10% 16V | CJ44 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1838 | 1-124-122-11 | ELECT | 100μF 20% 50V | CJ45 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1839 | 1-124-122-11 | ELECT | 100μF 20% 50V | CJ46 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1840 | 1-124-903-11 | ELECT | 1μF 20% 50V | CJ47 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1841 | 1-126-967-11 | ELECT | 47μF 20% 50V | CJ48 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1842 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V | CJ50 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1843 | 1-163-117-00 | CERAMIC CHIP | 100PF 5% 50V | CJ51 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1844 | 1-126-967-11 | ELECT | 47μF 20% 50V | CJ53 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1845 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ54 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1846 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ55 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1847 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ57 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1848 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | CJ58 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1849 | 1-124-122-11 | ELECT | 100μF 20% 50V | CJ59 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1850 | 1-124-122-11 | ELECT | 100μF 20% 50V | CJ60 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1851 | 1-137-399-11 | FILM | 0.1μF 5% 50V | CJ62 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1852 | 1-124-122-11 | ELECT | 100μF 20% 50V | CJ63 | 1-216-295-91 | CONDUCTOR, CHIP | |
| C1853 | 1-137-378-11 | FILM | 0.22μF 5% 50V | <CONNECTOR> | | | |
| C1854 | 1-124-927-11 | ELECT | 4.7μF 20% 50V | CN1509 | * 1-564-506-11 | PLUG, CONNECTOR 3P | |
| C1855 | 1-124-903-11 | ELECT | 1μF 20% 50V | CN1513 | * 1-564-506-11 | PLUG, CONNECTOR 3P | |
| C1856 | 1-104-665-11 | ELECT | 100μF 20% 25V | | | | |
| C1857 | 1-124-122-11 | ELECT | 100μF 20% 50V | | | | |
| C1858 | 1-163-809-11 | CERAMIC CHIP | 0.047μF 10% 25V | | | | |

D

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|----------------|---------------------|--------|
| CN1612 | * 1-564-507-11 | PLUG, CONNECTOR 4P | |
| CN1642 | * 1-564-507-11 | PLUG, CONNECTOR 4P | |
| CN1672 | * 1-564-507-11 | PLUG, CONNECTOR 4P | |
| CN1716 | * 1-564-507-11 | PLUG, CONNECTOR 4P | |
| CN1756 | * 1-564-508-11 | PLUG, CONNECTOR 5P | |
| CN1757 | * 1-564-516-11 | PLUG, CONNECTOR 13P | |

<DIODE>

| | | | |
|-------|--------------|-----------------|--|
| D1501 | 8-719-908-03 | DIODE GP08D | |
| D1502 | 8-719-109-89 | DIODE RD5.6ESB2 | |
| D1503 | 8-719-971-20 | DIODE ERC38-06 | |
| D1505 | 8-719-109-88 | DIODE RD5.6ESB1 | |
| D1551 | 8-719-109-72 | DIODE RD3.9ESB2 | |

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|-------|--------------|------------------|--|
| D1552 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D1553 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D1601 | 8-719-908-03 | DIODE GP08D | |
| D1602 | 8-719-908-03 | DIODE GP08D | |
| D1603 | 8-719-908-03 | DIODE GP08D | |

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|-------|--------------|------------------|--|
| D1604 | 8-719-908-03 | DIODE GP08D | |
| D1803 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D1812 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D1814 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D1825 | 8-719-991-33 | DIODE 1SS133T-77 | |

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|-------|--------------|------------------|--|
| D1826 | 8-719-991-33 | DIODE 1SS133T-77 | |
| D1827 | 8-719-109-68 | DIODE RD3.6ESB1 | |
| D1931 | 8-719-110-60 | DIODE RD24ESB | |
| D1932 | 8-719-110-60 | DIODE RD24ESB | |
| D1934 | 8-719-110-60 | DIODE RD24ESB | |

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|-------|--------------|---------------|--|
| D1935 | 8-719-110-60 | DIODE RD24ESB | |
| D1936 | 8-719-110-60 | DIODE RD24ESB | |
| D1937 | 8-719-110-60 | DIODE RD24ESB | |
| D1942 | 8-719-110-60 | DIODE RD24ESB | |
| D1945 | 8-719-110-60 | DIODE RD24ESB | |

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| D1946 | 8-719-110-60 | DIODE RD24ESB | |
| D1947 | 8-719-110-60 | DIODE RD24ESB | |
| D1948 | 8-719-110-36 | DIODE RD13ESB2 | |
| D1949 | 8-719-110-60 | DIODE RD24ESB | |
| D1951 | 8-719-110-36 | DIODE RD13ESB2 | |

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|-------|--------------|----------------|--|
| D1953 | 8-719-110-36 | DIODE RD13ESB2 | |
| D1954 | 8-719-110-36 | DIODE RD13ESB2 | |

<FUSE>

| | | | |
|-------|-----------------------|-------------------------------|--|
| F1601 | Δ 1-532-745-11 | FUSE, GLASS TUBE (3.15A/125V) | |
| | 1-533-223-11 | CLIP, FUSE; F1601 | |
| F1602 | Δ 1-532-745-11 | FUSE, GLASS TUBE (3.15A/125V) | |
| | 1-533-223-11 | CLIP, FUSE; F1602 | |

<IC>

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|--------|--------------|-------------------|--|
| IC1501 | 8-759-192-71 | IC STV9379 | |
| IC1601 | 8-749-010-88 | IC STK392-010 | |
| IC1602 | 8-749-010-88 | IC STK392-010 | |
| IC1701 | 8-752-861-57 | IC CXP85112B-613S | |
| IC1702 | 8-759-041-54 | IC MN1382S | |

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| IC1801 | 8-759-327-52 | IC PM0002B | |
| IC1802 | 8-759-327-51 | IC PA0053B | |
| IC1803 | 8-759-012-67 | IC MC7905CT | |
| IC1804 | 8-759-231-53 | IC TA7805S | |
| IC1805 | 8-759-327-52 | IC PM0002B | |

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| IC1806 | 8-759-327-51 | IC PA0053B | |
| IC1807 | 8-759-929-65 | IC LM7912CT | |
| IC1808 | 8-759-231-58 | IC TA7812S | |
| IC1809 | 8-759-327-52 | IC PM0002B | |
| IC1931 | 8-759-711-28 | IC NJM2058D | |

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| IC1932 | 8-759-711-28 | IC NJM2058D | |
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| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|----------------------|--------|
| | | <COIL> | |
| L1501 | 1-412-533-21 | INDUCTOR 47 μ H | |
| L1502 | 1-412-533-21 | INDUCTOR 47 μ H | |
| L1503 | 1-412-524-11 | INDUCTOR 8.2 μ H | |
| L1515 | 1-410-470-11 | INDUCTOR 10 μ H | |
| L1516 | 1-410-482-31 | INDUCTOR 100 μ H | |

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|-------|--------------|------------------------|--|
| L1701 | 1-410-470-11 | INDUCTOR 10 μ H | |
| L1801 | 1-406-975-21 | COIL, CHOKE 47 μ H | |
| L1802 | 1-406-975-21 | COIL, CHOKE 47 μ H | |

<TRANSISTOR>

| | | | |
|-------|--------------|----------------------|--|
| Q1501 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1502 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1551 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q1552 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1701 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |

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|-------|--------------|----------------------|--|
| Q1801 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1802 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q1803 | 8-729-900-36 | TRANSISTOR DTC124ES | |
| Q1804 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1805 | 8-729-900-36 | TRANSISTOR DTC124ES | |

<RESISTOR>

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|-------|--------------|-----------------|-------|-------|--|
| R1501 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W | |
| R1502 | 1-208-814-11 | METAL CHIP 22K | 0.50% | 1/10W | |
| R1504 | 1-216-081-00 | METAL GLAZE 22K | 5% | 1/10W | |
| R1505 | 1-216-085-00 | METAL GLAZE 33K | 5% | 1/10W | |
| R1506 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W | |

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|-------|-----------------------|------------------|-------|-------|---|
| R1507 | 1-208-814-11 | METAL CHIP 22K | 0.50% | 1/10W | |
| R1508 | 1-216-057-00 | METAL GLAZE 2.2K | 5% | 1/10W | |
| R1509 | Δ 1-249-383-91 | CARBON 1.5 | 5% | 1/4W | F |
| R1510 | 1-214-671-11 | METAL 3.9 | 1% | 1/4W | |
| R1511 | 1-214-671-11 | METAL 3.9 | 1% | 1/4W | |

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|-------|--------------|-----------------|-------|-------|---|
| R1512 | 1-215-912-11 | METAL OXIDE 150 | 5% | 3W | F |
| R1513 | 1-214-671-11 | METAL 3.9 | 1% | 1/4W | |
| R1514 | 1-216-632-11 | METAL CHIP 160 | 0.50% | 1/10W | |
| R1515 | 1-216-639-11 | METAL CHIP 330 | 0.50% | 1/10W | |
| R1516 | 1-214-671-11 | METAL 3.9 | 1% | 1/4W | |

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|-------|-----------------------|-----------------|-------|-------|---|
| R1517 | 1-216-647-11 | METAL CHIP 680 | 0.50% | 1/10W | |
| R1518 | 1-216-665-11 | METAL CHIP 3.9K | 0.50% | 1/10W | |
| R1519 | Δ 1-249-385-71 | CARBON 2.2 | 5% | 1/4W | F |
| R1520 | Δ 1-249-385-71 | CARBON 2.2 | 5% | 1/4W | F |
| R1521 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W | |

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|-------|--------------|------------------|----|-------|--|
| R1522 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W | |
| R1523 | 1-216-033-00 | METAL GLAZE 220 | 5% | 1/10W | |
| R1551 | 1-216-081-00 | METAL GLAZE 22K | 5% | 1/10W | |
| R1552 | 1-216-063-91 | METAL GLAZE 3.9K | 5% | 1/10W | |
| R1553 | 1-216-077-00 | METAL GLAZE 15K | 5% | 1/10W | |

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|-------|--------------|-----------------|-------|-------|--|
| R1554 | 1-216-049-91 | METAL GLAZE 1K | 5% | 1/10W | |
| R1559 | 1-216-073-00 | METAL GLAZE 10K | 5% | 1/10W | |
| R1562 | 1-216-025-91 | METAL GLAZE 100 | 5% | 1/10W | |
| R1603 | 1-216-663-11 | METAL CHIP 3.3K | 0.50% | 1/10W | |
| R1604 | 1-216-663-11 | METAL CHIP 3.3K | 0.50% | 1/10W | |

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|-------|--------------|-----------------|-------|-------|--|
| R1605 | 1-216-663-11 | METAL CHIP 3.3K | 0.50% | 1/10W | |
| R1606 | 1-216-663-11 | METAL CHIP 3.3K | 0.50% | 1/10W | |
| R1607 | 1-216-663-11 | METAL CHIP 3.3K | 0.50% | 1/10W | |
| R1608 | 1-216-663-11 | METAL CHIP 3.3K | 0.50% | 1/10W | |
| R1610 | 1-214-729-00 | METAL 1K | 1% | 1/4W | |

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|-------|--------------|-----------|----|------|--|
| R1612 | 1-214-729-00 | METAL 1K | 1% | 1/4W | |
| R1613 | 1-214-673-00 | METAL 4.7 | 1% | 1/4W | |
| R1615 | 1-214-673-00 | METAL 4.7 | 1% | 1/4W | |
| R1616 | 1-214-673-00 | METAL 4.7 | 1% | 1/4W | |
| R1618 | 1-214-673-00 | METAL 4.7 | 1% | 1/4W | |

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|-------|--------------|-----------|----|------|--|
| R1619 | 1-214-673-00 | METAL 4.7 | 1% | 1/4W | |
| R1620 | 1-214-673-00 | METAL 4.7 | 1% | 1/4W | |
| R1621 | 1-214-673-00 | METAL 4.7 | 1% | 1/4W | |
| R1622 | 1-214-673-00 | METAL 4.7 | 1% | 1/4W | |

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|-----------------------|--------|
| R1623 | 1-214-729-00 | METAL 1K 1% | 1/4W |
| R1624 | 1-214-729-00 | METAL 1K 1% | 1/4W |
| R1625 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1626 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1627 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1628 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1629 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1630 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1631 | 1-214-729-00 | METAL 1K 1% | 1/4W |
| R1632 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1633 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1634 | 1-214-729-00 | METAL 1K 1% | 1/4W |
| R1635 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1636 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1637 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1638 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1639 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1640 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1641 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1642 | 1-214-673-00 | METAL 4.7 1% | 1/4W |
| R1717 | 1-216-033-00 | METAL GLAZE 220 5% | 1/10W |
| R1721 | 1-216-033-00 | METAL GLAZE 220 5% | 1/10W |
| R1737 | 1-216-033-00 | METAL GLAZE 220 5% | 1/10W |
| R1740 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1748 | 1-216-033-00 | METAL GLAZE 220 5% | 1/10W |
| R1749 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R1751 | 1-216-081-00 | METAL GLAZE 22K 5% | 1/10W |
| R1752 | 1-216-073-00 | METAL GLAZE 10K 5% | 1/10W |
| R1760 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R1788 | 1-208-806-11 | METAL CHIP 10K 0.50% | 1/10W |
| R1801 | 1-216-049-91 | METAL GLAZE 1K 5% | 1/10W |
| R1802 | 1-216-049-91 | METAL GLAZE 1K 5% | 1/10W |
| R1803 | 1-216-073-00 | METAL GLAZE 10K 5% | 1/10W |
| R1804 | 1-216-057-00 | METAL GLAZE 2.2K 5% | 1/10W |
| R1805 | 1-216-069-00 | METAL GLAZE 6.8K 5% | 1/10W |
| R1806 | 1-216-081-00 | METAL GLAZE 22K 5% | 1/10W |
| R1807 | 1-216-075-00 | METAL GLAZE 12K 5% | 1/10W |
| R1808 | 1-216-049-91 | METAL GLAZE 1K 5% | 1/10W |
| R1809 | 1-216-081-00 | METAL GLAZE 22K 5% | 1/10W |
| R1810 | 1-216-097-91 | METAL GLAZE 100K 5% | 1/10W |
| R1811 | 1-216-081-00 | METAL GLAZE 22K 5% | 1/10W |
| R1812 | 1-216-097-91 | METAL GLAZE 100K 5% | 1/10W |
| R1813 | 1-216-057-00 | METAL GLAZE 2.2K 5% | 1/10W |
| R1814 | 1-216-699-11 | METAL CHIP 100K 0.50% | 1/10W |
| R1815 | 1-216-697-91 | METAL CHIP 82K 0.50% | 1/10W |
| R1816 | 1-216-097-91 | METAL GLAZE 100K 5% | 1/10W |
| R1817 | 1-216-033-00 | METAL GLAZE 220 5% | 1/10W |
| R1818 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1819 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1820 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1821 | 1-216-097-91 | METAL GLAZE 100K 5% | 1/10W |
| R1823 | 1-208-811-11 | METAL CHIP 16K 0.50% | 1/10W |
| R1824 | 1-216-685-11 | METAL CHIP 27K 0.50% | 1/10W |
| R1825 | 1-216-685-11 | METAL CHIP 27K 0.50% | 1/10W |
| R1826 | 1-216-685-11 | METAL CHIP 27K 0.50% | 1/10W |
| R1827 | 1-216-685-11 | METAL CHIP 27K 0.50% | 1/10W |
| R1828 | 1-216-685-11 | METAL CHIP 27K 0.50% | 1/10W |
| R1829 | 1-216-685-11 | METAL CHIP 27K 0.50% | 1/10W |
| R1830 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1831 | 1-216-049-91 | METAL GLAZE 1K 5% | 1/10W |
| R1832 | 1-216-677-11 | METAL CHIP 12K 0.50% | 1/10W |
| R1833 | 1-216-049-91 | METAL GLAZE 1K 5% | 1/10W |
| R1834 | 1-216-049-91 | METAL GLAZE 1K 5% | 1/10W |
| R1835 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1836 | 1-216-081-00 | METAL GLAZE 22K 5% | 1/10W |
| R1837 | 1-208-806-11 | METAL CHIP 10K 0.50% | 1/10W |
| R1838 | 1-216-651-11 | METAL CHIP 1K 0.50% | 1/10W |
| R1839 | 1-216-031-00 | METAL GLAZE 180 5% | 1/10W |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|-----------------------|-----------------------|--------|
| R1840 | 1-208-806-11 | METAL CHIP 10K 0.50% | 1/10W |
| R1841 | 1-208-806-11 | METAL CHIP 10K 0.50% | 1/10W |
| R1842 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1843 | 1-216-651-11 | METAL CHIP 1K 0.50% | 1/10W |
| R1844 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1845 | 1-216-077-00 | METAL GLAZE 15K 5% | 1/10W |
| R1846 | 1-216-125-00 | METAL GLAZE 1.5M 5% | 1/10W |
| R1847 | 1-208-806-11 | METAL CHIP 10K 0.50% | 1/10W |
| R1848 | 1-216-077-00 | METAL GLAZE 15K 5% | 1/10W |
| R1849 | 1-216-067-00 | METAL GLAZE 5.6K 5% | 1/10W |
| R1850 | 1-216-097-91 | METAL GLAZE 100K 5% | 1/10W |
| R1851 | 1-216-043-91 | METAL GLAZE 560 5% | 1/10W |
| R1852 | 1-216-097-91 | METAL GLAZE 100K 5% | 1/10W |
| R1853 | 1-216-057-00 | METAL GLAZE 2.2K 5% | 1/10W |
| R1854 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1855 | 1-216-097-91 | METAL GLAZE 100K 5% | 1/10W |
| R1856 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1857 | 1-216-033-00 | METAL GLAZE 220 5% | 1/10W |
| R1858 | 1-216-097-91 | METAL GLAZE 100K 5% | 1/10W |
| R1859 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1860 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1861 | 1-216-473-11 | METAL OXIDE 56 5% | 3W F |
| R1862 | 1-216-473-11 | METAL OXIDE 56 5% | 3W F |
| R1863 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1864 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1865 | 1-216-473-11 | METAL OXIDE 56 5% | 3W F |
| R1866 | 1-216-473-11 | METAL OXIDE 56 5% | 3W F |
| R1868 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1869 | 1-216-685-11 | METAL CHIP 27K 0.50% | 1/10W |
| R1870 | 1-216-685-11 | METAL CHIP 27K 0.50% | 1/10W |
| R1871 | 1-216-685-11 | METAL CHIP 27K 0.50% | 1/10W |
| R1872 | 1-216-685-11 | METAL CHIP 27K 0.50% | 1/10W |
| R1873 | 1-216-685-11 | METAL CHIP 27K 0.50% | 1/10W |
| R1874 | 1-216-685-11 | METAL CHIP 27K 0.50% | 1/10W |
| R1875 | 1-208-824-11 | METAL CHIP 56K 0.50% | 1/10W |
| R1876 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1877 | 1-208-810-11 | METAL CHIP 15K 0.50% | 1/10W |
| R1878 | 1-208-806-11 | METAL CHIP 10K 0.50% | 1/10W |
| R1879 | 1-216-685-11 | METAL CHIP 27K 0.50% | 1/10W |
| R1880 | 1-218-768-11 | METAL CHIP 470K 0.50% | 1/10W |
| R1881 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R1883 | 1-216-677-11 | METAL CHIP 12K 0.50% | 1/10W |
| R1884 | 1-208-806-11 | METAL CHIP 10K 0.50% | 1/10W |
| R1885 | 1-216-049-91 | METAL GLAZE 1K 5% | 1/10W |
| R1886 | 1-216-031-00 | METAL GLAZE 180 5% | 1/10W |
| R1887 | 1-208-806-11 | METAL CHIP 10K 0.50% | 1/10W |
| R1888 | 1-216-651-11 | METAL CHIP 1K 0.50% | 1/10W |
| R1889 | 1-216-651-11 | METAL CHIP 1K 0.50% | 1/10W |
| R1890 | 1-216-125-00 | METAL GLAZE 1.5M 5% | 1/10W |
| R1891 | 1-208-806-11 | METAL CHIP 10K 0.50% | 1/10W |
| R1892 | 1-216-061-00 | METAL GLAZE 3.3K 5% | 1/10W |
| R1893 | 1-216-097-91 | METAL GLAZE 100K 5% | 1/10W |
| R1894 | Δ 1-249-389-91 | CARBON 4.7 5% | 1/4W F |
| R1895 | 1-216-043-91 | METAL GLAZE 560 5% | 1/10W |
| R1896 | Δ 1-249-389-91 | CARBON 4.7 5% | 1/4W F |
| R1897 | 1-216-097-91 | METAL GLAZE 100K 5% | 1/10W |
| R1898 | 1-216-057-00 | METAL GLAZE 2.2K 5% | 1/10W |
| R1899 | 1-216-097-91 | METAL GLAZE 100K 5% | 1/10W |
| R1900 | 1-216-033-00 | METAL GLAZE 220 5% | 1/10W |
| R1901 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1902 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1903 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1904 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1905 | 1-216-097-91 | METAL GLAZE 100K 5% | 1/10W |
| R1907 | 1-208-810-11 | METAL CHIP 15K 0.50% | 1/10W |
| R1908 | 1-208-814-11 | METAL CHIP 22K 0.50% | 1/10W |
| R1909 | 1-216-025-91 | METAL GLAZE 100 5% | 1/10W |
| R1910 | 1-216-685-11 | METAL CHIP 27K 0.50% | 1/10W |



| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|--------------|--------------|-------------------|-------------|
| R1911 | 1-216-685-11 | METAL CHIP 27K | 0.50% 1/10W |
| R1912 | 1-216-685-11 | METAL CHIP 27K | 0.50% 1/10W |
| R1913 | 1-216-685-11 | METAL CHIP 27K | 0.50% 1/10W |
| R1914 | 1-216-685-11 | METAL CHIP 27K | 0.50% 1/10W |
| R1915 | 1-216-685-11 | METAL CHIP 27K | 0.50% 1/10W |
| R1916 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1917 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R1918 | 1-216-651-11 | METAL CHIP 1K | 0.50% 1/10W |
| R1919 | 1-208-822-11 | METAL CHIP 47K | 0.50% 1/10W |
| R1920 | 1-216-651-11 | METAL CHIP 1K | 0.50% 1/10W |
| R1923 | 1-216-677-11 | METAL CHIP 12K | 0.50% 1/10W |
| R1925 | 1-216-031-00 | METAL GLAZE 180 | 5% 1/10W |
| R1926 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R1927 | 1-216-125-00 | METAL GLAZE 1.5M | 5% 1/10W |
| R1928 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R1931 | 1-216-698-11 | METAL CHIP 91K | 0.50% 1/10W |
| R1935 | 1-218-766-11 | METAL CHIP 390K | 0.50% 1/10W |
| R1937 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R1938 | 1-208-810-11 | METAL CHIP 15K | 0.50% 1/10W |
| R1940 | 1-208-812-11 | METAL CHIP 18K | 0.50% 1/10W |
| R1941 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R1942 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R1943 | 1-216-699-11 | METAL CHIP 100K | 0.50% 1/10W |
| R1944 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R1947 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R1948 | 1-216-093-00 | METAL GLAZE 68K | 5% 1/10W |
| R1949 | 1-216-659-11 | METAL CHIP 2.2K | 0.50% 1/10W |
| R1950 | 1-216-659-11 | METAL CHIP 2.2K | 0.50% 1/10W |
| R1951 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R1952 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R1954 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R1955 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R1956 | 1-208-800-11 | METAL CHIP 5.6K | 0.50% 1/10W |
| R1957 | 1-208-824-11 | METAL CHIP 56K | 0.50% 1/10W |
| R1958 | 1-208-800-11 | METAL CHIP 5.6K | 0.50% 1/10W |
| R1959 | 1-208-824-11 | METAL CHIP 56K | 0.50% 1/10W |
| R1960 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R1961 | 1-208-806-11 | METAL CHIP 10K | 0.50% 1/10W |
| R1962 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W |
| R1963 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R1964 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R1965 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R1966 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R1967 | 1-216-071-00 | METAL GLAZE 8.2K | 5% 1/10W |
| R1970 | 1-208-774-11 | METAL CHIP 470 | 0.50% 1/10W |
| R1971 | 1-216-667-11 | METAL CHIP 4.7K | 0.50% 1/10W |
| R1981 | 1-216-473-11 | METAL OXIDE 56 | 5% 3W F |
| R1982 | 1-216-473-11 | METAL OXIDE 56 | 5% 3W F |
| R1983 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W |
| R1984 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W |
| R1985 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| <THERMISTOR> | | | |
| TH1501 | 1-807-925-11 | THERMISTOR | |
| TH1801 | 1-808-269-11 | THERMISTOR | |
| <CRYSTAL> | | | |
| X1701 | 1-579-917-11 | VIBRATOR, CRYSTAL | |

 * A-1372-140-A HA BOARD, COMPLETE

 4-033-777-01 HOLDER, LED

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|-----------------------------------|----------------|---------------------------------|---------|
| <CAPACITOR> | | | |
| C101 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C103 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C104 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| <CONNECTOR> | | | |
| CN101 | * 1-564-521-11 | PLUG, CONNECTOR 6P | |
| CN102 | * 1-564-520-11 | PLUG, CONNECTOR 5P | |
| CN103 | 1-564-517-11 | PLUG, CONNECTOR 2P | |
| <DIODE> | | | |
| D102 | 8-719-812-41 | DIODE TLR124 | |
| D103 | 8-719-812-41 | DIODE TLR124 | |
| <IC> | | | |
| IC101 | 8-741-810-90 | ELEMENT, RAY-CATCHER SBX1810-09 | |
| <RESISTOR> | | | |
| R101 | 1-247-807-31 | CARBON 100 | 5% 1/4W |
| R102 | 1-247-807-31 | CARBON 100 | 5% 1/4W |
| R104 | 1-247-815-91 | CARBON 220 | 5% 1/4W |
| R105 | 1-249-416-11 | CARBON 820 | 5% 1/4W |
| R106 | 1-249-417-11 | CARBON 1K | 5% 1/4W |
| R107 | 1-249-420-11 | CARBON 1.8K | 5% 1/4W |
| R108 | 1-249-425-11 | CARBON 4.7K | 5% 1/4W |
| R112 | 1-247-815-91 | CARBON 220 | 5% 1/4W |
| R114 | 1-249-414-11 | CARBON 560 | 5% 1/4W |
| <SWITCH> | | | |
| S101 | 1-572-198-11 | SWITCH, KEYBOARD | |
| S102 | 1-572-198-11 | SWITCH, KEYBOARD | |
| S103 | 1-572-198-11 | SWITCH, KEYBOARD | |
| S104 | 1-572-198-11 | SWITCH, KEYBOARD | |
| S105 | 1-572-198-11 | SWITCH, KEYBOARD | |
| S106 | 1-572-198-11 | SWITCH, KEYBOARD | |
| ***** | | | |
| * A-1372-141-A HB BOARD, COMPLETE | | | |
| ***** | | | |
| <CAPACITOR> | | | |
| C105 | 1-164-096-11 | CERAMIC 0.01μF | 50V |
| C106 | 1-126-965-11 | ELECT 22μF | 20% 50V |
| C107 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C108 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C109 | 1-126-965-11 | ELECT 22μF | 20% 50V |
| <CONNECTOR> | | | |
| CN104 | * 1-564-526-11 | PLUG, CONNECTOR 11P | |
| CN105 | 1-564-517-11 | PLUG, CONNECTOR 2P | |
| <DIODE> | | | |
| D105 | 8-719-121-24 | DIODE RD9.1ESL | |
| D106 | 8-719-121-24 | DIODE RD9.1ESL | |
| D107 | 8-719-121-24 | DIODE RD9.1ESL | |
| D108 | 8-719-121-24 | DIODE RD9.1ESL | |
| D109 | 8-719-121-24 | DIODE RD9.1ESL | |

HB

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| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|----------------------|--------|
| D110 | 8-719-121-24 | DIODE RD9.1ESL | |
| | | <JACK> | |
| J101 | 1-764-073-11 | TERMINAL BLOCK, S 4P | |
| | | <RESISTOR> | |
| R115 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R116 | 1-247-804-11 | CARBON 75 5% 1/4W | |
| R117 | 1-247-804-11 | CARBON 75 5% 1/4W | |
| R118 | 1-247-804-11 | CARBON 75 5% 1/4W | |
| R119 | 1-247-895-91 | CARBON 470K 5% 1/4W | |
| R120 | 1-247-895-91 | CARBON 470K 5% 1/4W | |
| R121 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R122 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| R123 | 1-249-432-11 | CARBON 18K 5% 1/4W | |
| | | <SWITCH> | |
| S107 | 1-572-198-11 | SWITCH, KEYBOARD | |

* A-1373-526-A U BOARD, COMPLETE

| | | | |
|-------|--------------|----------------------------|--|
| | | <CAPACITOR> | |
| C1001 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C1002 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C1003 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C1004 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C1005 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C1006 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C1007 | 1-126-965-11 | ELECT 22μF 20% 50V | |
| C1008 | 1-126-965-11 | ELECT 22μF 20% 50V | |
| C1009 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C1010 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C1011 | 1-126-965-11 | ELECT 22μF 20% 50V | |
| C1012 | 1-126-965-11 | ELECT 22μF 20% 50V | |
| C1013 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C1014 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C1015 | 1-126-965-11 | ELECT 22μF 20% 50V | |
| C1016 | 1-126-965-11 | ELECT 22μF 20% 50V | |
| C1017 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C1018 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C1019 | 1-126-965-11 | ELECT 22μF 20% 50V | |
| C1020 | 1-126-965-11 | ELECT 22μF 20% 50V | |
| C1021 | 1-126-965-11 | ELECT 22μF 20% 50V | |
| C1022 | 1-126-964-11 | ELECT 10μF 20% 50V | |
| C1023 | 1-126-964-11 | ELECT 10μF 20% 50V | |
| C1024 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C1025 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C1026 | 1-126-964-11 | ELECT 10μF 20% 50V | |
| C1027 | 1-126-964-11 | ELECT 10μF 20% 50V | |
| C1028 | 1-126-935-11 | ELECT 470μF 20% 16V | |
| C1030 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C1031 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C1033 | 1-104-664-11 | ELECT 47μF 20% 25V | |
| C1034 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C1035 | 1-126-935-11 | ELECT 470μF 20% 16V | |
| C1036 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C1043 | 1-104-665-11 | ELECT 100μF 20% 25V | |
| C1044 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C1046 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C1047 | 1-126-967-11 | ELECT 47μF 20% 50V | |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|----------------|----------------------------|--------|
| C1048 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C1049 | 1-126-965-11 | ELECT 22μF 20% 50V | |
| C1050 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C1051 | 1-126-965-11 | ELECT 22μF 20% 50V | |
| C1052 | 1-104-665-11 | ELECT 100μF 20% 25V | |
| C1053 | 1-126-934-11 | ELECT 220μF 20% 16V | |
| C1054 | 1-126-933-11 | ELECT 100μF 20% 16V | |
| | | <FILTER BLOCK> | |
| CM1001 | 1-466-912-21 | FILTER BLOCK, COMB | |
| | | <CONNECTOR> | |
| CN1001 | * 1-564-514-11 | PLUG, CONNECTOR 11P | |
| CN1002 | * 1-564-509-11 | PLUG, CONNECTOR 6P | |
| CN1003 | * 1-564-513-11 | PLUG, CONNECTOR 10P | |
| CN1004 | * 1-564-507-11 | PLUG, CONNECTOR 4P | |
| CN1005 | * 1-564-506-11 | PLUG, CONNECTOR 3P | |
| CN1006 | * 1-566-641-11 | CONNECTOR, HINGE (TAB) 18P | |
| CN1007 | * 1-566-641-11 | CONNECTOR, HINGE (TAB) 18P | |
| CN1008 | 1-695-915-11 | TAB (CONTACT) | |

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| | | <DIODE> | |
| D1001 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1002 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1003 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1004 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1005 | 8-719-106-62 | DIODE RD11M-B2 | |

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| D1006 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1007 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1008 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1009 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1010 | 8-719-106-62 | DIODE RD11M-B2 | |

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|-------|--------------|----------------|--|
| D1011 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1012 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1013 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1014 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1016 | 8-719-106-62 | DIODE RD11M-B2 | |

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|-------|--------------|----------------|--|
| D1017 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1018 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1019 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1020 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1021 | 8-719-106-62 | DIODE RD11M-B2 | |

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|-------|--------------|----------------|--|
| D1022 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1023 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1024 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1025 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1026 | 8-719-400-75 | DIODE MA3091 | |

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|-------|--------------|--------------|--|
| D1027 | 8-719-400-75 | DIODE MA3091 | |
| D1028 | 8-719-400-75 | DIODE MA3091 | |
| D1029 | 8-719-400-75 | DIODE MA3091 | |
| D1030 | 8-719-400-75 | DIODE MA3091 | |
| D1031 | 8-719-400-75 | DIODE MA3091 | |

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|-------|--------------|------------------|--|
| D1032 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1033 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1037 | 8-719-402-92 | DIODE MA3220M-TX | |
| D1038 | 8-719-402-92 | DIODE MA3220M-TX | |
| D1039 | 8-719-402-92 | DIODE MA3220M-TX | |

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|-------|--------------|------------------|--|
| D1040 | 8-719-402-92 | DIODE MA3220M-TX | |
| D1041 | 8-719-402-92 | DIODE MA3220M-TX | |
| D1042 | 8-719-402-92 | DIODE MA3220M-TX | |
| D1043 | 8-719-106-62 | DIODE RD11M-B2 | |
| D1044 | 8-719-106-62 | DIODE RD11M-B2 | |

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| D1045 | 8-719-402-92 | DIODE MA3220M-TX | |
| D1046 | 8-719-402-92 | DIODE MA3220M-TX | |
| D1047 | 8-719-400-75 | DIODE MA3091 | |
| D1048 | 8-719-400-75 | DIODE MA3091 | |

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| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|--------------|--------------|----------------------------|----------|
| D1049 | 8-719-400-75 | DIODE MA3091 | |
| D1050 | 8-719-400-75 | DIODE MA3091 | |
| D1051 | 8-719-400-75 | DIODE MA3091 | |
| D1052 | 8-719-400-75 | DIODE MA3091 | |
| <IC> | | | |
| IC1001 | 8-752-066-69 | IC CXA1845Q | |
| <JACK> | | | |
| J1001 | 1-573-967-11 | BLOCK, (S) TERMINAL | |
| J1002 | 1-573-967-11 | BLOCK, (S) TERMINAL | |
| J1003 | 1-573-969-11 | JACK BLOCK, PIN | |
| J1004 | 1-573-969-11 | JACK BLOCK, PIN | |
| J1005 | 1-695-054-11 | JACK BLOCK, PIN | |
| J1007 | 1-563-760-11 | JACK, MINIATURE (DIA. 3.5) | |
| J1008 | 1-563-760-11 | JACK, MINIATURE (DIA. 3.5) | |
| <TRANSISTOR> | | | |
| Q1001 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1002 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1003 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1004 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1005 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1006 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1007 | 8-729-807-51 | TRANSISTOR 2SD1623-S | |
| Q1008 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1009 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1010 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1011 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1012 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1013 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1014 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1015 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1016 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1017 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1033 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q1034 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| <RESISTOR> | | | |
| R1001 | 1-216-105-91 | METAL GLAZE 220K | 5% 1/10W |
| R1002 | 1-216-105-91 | METAL GLAZE 220K | 5% 1/10W |
| R1003 | 1-216-022-00 | METAL GLAZE 75 | 5% 1/10W |
| R1004 | 1-216-022-00 | METAL GLAZE 75 | 5% 1/10W |
| R1005 | 1-216-022-00 | METAL GLAZE 75 | 5% 1/10W |
| R1006 | 1-216-105-91 | METAL GLAZE 220K | 5% 1/10W |
| R1007 | 1-216-105-91 | METAL GLAZE 220K | 5% 1/10W |
| R1008 | 1-216-022-00 | METAL GLAZE 75 | 5% 1/10W |
| R1009 | 1-216-022-00 | METAL GLAZE 75 | 5% 1/10W |
| R1010 | 1-216-022-00 | METAL GLAZE 75 | 5% 1/10W |
| R1011 | 1-216-105-91 | METAL GLAZE 220K | 5% 1/10W |
| R1012 | 1-216-105-91 | METAL GLAZE 220K | 5% 1/10W |
| R1013 | 1-216-022-00 | METAL GLAZE 75 | 5% 1/10W |
| R1014 | 1-216-022-00 | METAL GLAZE 75 | 5% 1/10W |
| R1015 | 1-216-022-00 | METAL GLAZE 75 | 5% 1/10W |
| R1016 | 1-216-105-91 | METAL GLAZE 220K | 5% 1/10W |
| R1017 | 1-216-105-91 | METAL GLAZE 220K | 5% 1/10W |
| R1018 | 1-216-022-00 | METAL GLAZE 75 | 5% 1/10W |
| R1019 | 1-216-022-00 | METAL GLAZE 75 | 5% 1/10W |
| R1020 | 1-216-022-00 | METAL GLAZE 75 | 5% 1/10W |
| R1021 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W |
| R1022 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W |
| R1023 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W |
| R1025 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R1026 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|------------------|----------|
| R1027 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W |
| R1028 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R1029 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R1030 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R1031 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R1032 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R1033 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W |
| R1034 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R1035 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R1036 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W |
| R1037 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R1038 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R1039 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R1040 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R1041 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R1042 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R1043 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R1044 | 1-216-022-00 | METAL GLAZE 75 | 5% 1/10W |
| R1045 | 1-216-113-00 | METAL GLAZE 470K | 5% 1/10W |
| R1046 | 1-216-113-00 | METAL GLAZE 470K | 5% 1/10W |
| R1047 | 1-216-113-00 | METAL GLAZE 470K | 5% 1/10W |
| R1048 | 1-216-113-00 | METAL GLAZE 470K | 5% 1/10W |
| R1049 | 1-216-113-00 | METAL GLAZE 470K | 5% 1/10W |
| R1050 | 1-216-113-00 | METAL GLAZE 470K | 5% 1/10W |
| R1051 | 1-216-113-00 | METAL GLAZE 470K | 5% 1/10W |
| R1052 | 1-216-095-00 | METAL GLAZE 82K | 5% 1/10W |
| R1053 | 1-216-095-00 | METAL GLAZE 82K | 5% 1/10W |
| R1054 | 1-216-095-00 | METAL GLAZE 82K | 5% 1/10W |
| R1055 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1056 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R1057 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1058 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1059 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1060 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R1061 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1062 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R1063 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1064 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1065 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R1066 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1067 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1068 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1069 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1070 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R1071 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1072 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R1073 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1074 | 1-216-095-00 | METAL GLAZE 82K | 5% 1/10W |
| R1075 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R1076 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R1077 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1078 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1079 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R1080 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R1081 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1082 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R1083 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1084 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1085 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1086 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R1087 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R1088 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1089 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W |
| R1090 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1091 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1093 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1094 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R1095 | 1-216-095-00 | METAL GLAZE 82K | 5% 1/10W |
| R1096 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |

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| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|------------|--------------|------------------------|---------|
| Q206 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | |
| Q207 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| Q208 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| Q209 | 8-729-119-78 | TRANSISTOR 2SC2785-HFE | |
| <RESISTOR> | | | |
| R201 | 1-249-413-11 | CARBON 470 | 5% 1/4W |
| R202 | 1-249-432-11 | CARBON 18K | 5% 1/4W |
| R203 | 1-249-429-11 | CARBON 10K | 5% 1/4W |
| R204 | 1-249-414-11 | CARBON 560 | 5% 1/4W |
| R205 | 1-249-432-11 | CARBON 18K | 5% 1/4W |
| R206 | 1-249-441-11 | CARBON 100K | 5% 1/4W |
| R207 | 1-249-429-11 | CARBON 10K | 5% 1/4W |
| R208 | 1-249-414-11 | CARBON 560 | 5% 1/4W |
| R209 | 1-249-432-11 | CARBON 18K | 5% 1/4W |
| R210 | 1-249-413-11 | CARBON 470 | 5% 1/4W |
| R212 | 1-249-432-11 | CARBON 18K | 5% 1/4W |
| R213 | 1-249-435-11 | CARBON 33K | 5% 1/4W |
| R214 | 1-249-431-11 | CARBON 15K | 5% 1/4W |
| R215 | 1-249-429-11 | CARBON 10K | 5% 1/4W |
| R217 | 1-249-434-11 | CARBON 27K | 5% 1/4W |
| R219 | 1-249-434-11 | CARBON 27K | 5% 1/4W |
| R223 | 1-249-430-11 | CARBON 12K | 5% 1/4W |
| R225 | 1-247-807-31 | CARBON 100 | 5% 1/4W |
| R226 | 1-216-357-00 | METAL OXIDE 4.7 | 5% 1W F |
| R228 | 1-249-417-11 | CARBON 1K | 5% 1/4W |
| R229 | 1-249-437-11 | CARBON 47K | 5% 1/4W |
| R231 | 1-249-417-11 | CARBON 1K | 5% 1/4W |
| R233 | 1-216-357-00 | METAL OXIDE 4.7 | 5% 1W F |
| R235 | 1-249-429-11 | CARBON 10K | 5% 1/4W |
| R236 | 1-249-429-11 | CARBON 10K | 5% 1/4W |
| R240 | 1-249-434-11 | CARBON 27K | 5% 1/4W |
| R241 | 1-249-429-11 | CARBON 10K | 5% 1/4W |
| R242 | 1-249-429-11 | CARBON 10K | 5% 1/4W |
| R244 | 1-249-425-11 | CARBON 4.7K | 5% 1/4W |
| R245 | 1-249-436-11 | CARBON 39K | 5% 1/4W |
| R246 | 1-249-436-11 | CARBON 39K | 5% 1/4W |
| R247 | 1-247-791-91 | CARBON 22 | 5% 1/4W |
| R248 | 1-247-863-91 | CARBON 22K | 5% 1/4W |
| R249 | 1-249-412-11 | CARBON 390 | 5% 1/4W |
| R250 | 1-249-434-11 | CARBON 27K | 5% 1/4W |
| R251 | 1-247-863-91 | CARBON 22K | 5% 1/4W |
| R252 | 1-249-426-11 | CARBON 5.6K | 5% 1/4W |
| R253 | 1-247-791-91 | CARBON 22 | 5% 1/4W |
| R254 | 1-249-429-11 | CARBON 10K | 5% 1/4W |
| R255 | 1-249-434-11 | CARBON 27K | 5% 1/4W |
| R256 | 1-249-412-11 | CARBON 390 | 5% 1/4W |
| R257 | 1-249-441-11 | CARBON 100K | 5% 1/4W |
| R258 | 1-249-429-11 | CARBON 10K | 5% 1/4W |
| R259 | 1-249-412-11 | CARBON 390 | 5% 1/4W |
| R260 | 1-247-791-91 | CARBON 22 | 5% 1/4W |
| R261 | 1-249-434-11 | CARBON 27K | 5% 1/4W |
| R262 | 1-249-431-11 | CARBON 15K | 5% 1/4W |
| R263 | 1-249-435-11 | CARBON 33K | 5% 1/4W |
| R264 | 1-249-429-11 | CARBON 10K | 5% 1/4W |
| R265 | 1-249-434-11 | CARBON 27K | 5% 1/4W |
| R266 | 1-249-434-11 | CARBON 27K | 5% 1/4W |
| R267 | 1-216-357-00 | METAL OXIDE 4.7 | 5% 1W F |
| R268 | 1-216-357-00 | METAL OXIDE 4.7 | 5% 1W F |
| R269 | 1-216-357-00 | METAL OXIDE 4.7 | 5% 1W F |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|--------------|---------------|------------------------------|-----------|
| <CAPACITOR> | | | |
| C1403 | 1-102-978-00 | CERAMIC 220PF | 5% 50V |
| C1404 | 1-107-638-11 | ELECT 33μF | 20% 160V |
| C1405 | 1-104-665-11 | ELECT 100μF | 20% 25V |
| C1406 | 1-107-370-11 | FILM 0.1μF | 10% 200V |
| C1407 | 1-104-665-11 | ELECT 100μF | 20% 25V |
| C1408 | 1-107-362-11 | FILM 0.0047μF | 10% 200V |
| C1409 | 1-107-667-11 | ELECT 2.2μF | 20% 160V |
| C1410 | 1-107-362-11 | FILM 0.0047μF | 10% 200V |
| C1411 | 1-137-364-11 | FILM 0.001μF | 5% 50V |
| C1412 | 1-137-364-11 | FILM 0.001μF | 5% 50V |
| C1413 | 1-161-830-00 | CERAMIC 0.0047μF | 500V |
| C1414 | 1-126-940-11 | ELECT 330μF | 20% 16V |
| C1415 | 1-164-046-11 | CERAMIC 10PF | 0.5PF 50V |
| C1416 | 1-102-973-00 | CERAMIC 100PF | 5% 50V |
| <CONNECTOR> | | | |
| CN1411 | *1-580-689-11 | PIN, CONNECTOR (PC BOARD) 4P | |
| CN1412 | *1-564-507-11 | PLUG, CONNECTOR 4P | |
| CN1413 | *1-564-506-11 | PLUG, CONNECTOR 3P | |
| CN1414 | *1-564-509-11 | PLUG, CONNECTOR 6P | |
| CN1415 | *1-564-510-11 | PLUG, CONNECTOR 7P | |
| CN1416 | 1-695-915-11 | TAB (CONTACT) | |
| <DIODE> | | | |
| D1401 | 8-719-110-88 | DIODE RD39ESB2 | |
| D1402 | 8-719-110-88 | DIODE RD39ESB2 | |
| <TRANSISTOR> | | | |
| Q1401 | 8-729-017-06 | TRANSISTOR 2SC4793 | |
| Q1402 | 8-729-017-05 | TRANSISTOR 2SA1837 | |
| Q1403 | 8-729-140-96 | TRANSISTOR 2SD774-34 | |
| <RESISTOR> | | | |
| R1401 | 1-249-414-11 | CARBON 560 | 5% 1/4W |
| R1402 | 1-249-414-11 | CARBON 560 | 5% 1/4W |
| R1405 | 1-249-417-11 | CARBON 1K | 5% 1/4W |
| R1406 | 1-216-479-11 | METAL OXIDE 560 | 5% 3W F |
| R1407 | 1-249-400-11 | CARBON 39 | 5% 1/4W F |
| R1408 | 1-249-384-11 | CARBON 1.8 | 5% 1/4W F |
| R1409 | 1-249-384-11 | CARBON 1.8 | 5% 1/4W F |
| R1410 | 1-247-734-11 | CARBON 39 | 5% 1/2W F |
| R1411 | 1-249-417-11 | CARBON 1K | 5% 1/4W F |
| R1412 | 1-249-414-11 | CARBON 560 | 5% 1/4W |
| R1413 | 1-249-432-11 | CARBON 18K | 5% 1/4W |
| R1414 | 1-249-432-11 | CARBON 18K | 5% 1/4W |
| R1415 | 1-249-414-11 | CARBON 560 | 5% 1/4W F |
| R1416 | 1-216-451-11 | METAL OXIDE 120 | 5% 2W F |
| R1417 | 1-216-475-11 | METAL OXIDE 120 | 5% 3W F |
| R1418 | 1-249-377-11 | CARBON 0.47 | 5% 1/4W F |
| R1419 | 1-247-815-91 | CARBON 220 | 5% 1/4W |
| R1420 | 1-216-475-11 | METAL OXIDE 120 | 5% 3W F |
| R1421 | 1-249-417-11 | CARBON 1K | 5% 1/4W |

* A-1390-489-A ZG BOARD, COMPLETE

<CAPACITOR>

* A-1390-487-A ZR BOARD, COMPLETE

4-382-854-11 SCREW (M3X10), P, SW (+)

ZG

ZB

X

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|-----------------------------------|----------------|-------------------------------|--------|
| C1433 | 1-102-973-00 | CERAMIC 100PF 5% 50V | |
| <CONNECTOR> | | | |
| CN1441 | * 1-580-689-11 | PIN, CONNECTOR (PC BOARD) 4P | |
| CN1442 | * 1-564-507-11 | PLUG, CONNECTOR 4P | |
| CN1443 | * 1-564-506-11 | PLUG, CONNECTOR 3P | |
| CN1445 | * 1-564-510-11 | PLUG, CONNECTOR 7P | |
| <RESISTOR> | | | |
| R1431 | 1-249-414-11 | CARBON 560 5% 1/4W | |
| R1432 | 1-249-414-11 | CARBON 560 5% 1/4W | |
| R1435 | 1-216-475-11 | METAL OXIDE 120 5% 3W F | |
| R1436 | 1-216-475-11 | METAL OXIDE 120 5% 3W F | |
| R1437 | 1-249-417-11 | CARBON 1K 5% 1/4W | |
| ***** | | | |
| * A-1390-491-A ZB BOARD, COMPLETE | | | |
| ***** | | | |
| <CONNECTOR> | | | |
| CN1471 | * 1-580-689-11 | PIN, CONNECTOR (PC BOARD) 4P | |
| CN1472 | * 1-564-507-11 | PLUG, CONNECTOR 4P | |
| CN1473 | * 1-564-506-11 | PLUG, CONNECTOR 3P | |
| <RESISTOR> | | | |
| R1461 | 1-249-414-11 | CARBON 560 5% 1/4W | |
| R1462 | 1-249-414-11 | CARBON 560 5% 1/4W | |
| R1465 | 1-216-475-11 | METAL OXIDE 120 5% 3W F | |
| R1466 | 1-216-475-11 | METAL OXIDE 120 5% 3W F | |
| ***** | | | |
| * A-1394-673-A X BOARD, COMPLETE | | | |
| ***** | | | |
| <CAPACITOR> | | | |
| C5001 | 1-163-097-00 | CERAMIC CHIP 15PF 5% 50V | |
| C5002 | 1-126-964-11 | ELECT 10μF 20% 50V | |
| C5003 | 1-126-933-11 | ELECT 100μF 20% 16V | |
| C5004 | 1-126-967-11 | ELECT 47μF 20% 16V | |
| C5005 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5006 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5007 | 1-126-967-11 | ELECT 47μF 20% 16V | |
| C5008 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5009 | 1-126-964-11 | ELECT 10μF 20% 50V | |
| C5010 | 1-126-933-11 | ELECT 100μF 20% 16V | |
| C5011 | 1-163-017-00 | CERAMIC CHIP 0.0047μF 10% 50V | |
| C5012 | 1-126-967-11 | ELECT 47μF 20% 16V | |
| C5013 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5014 | 1-109-982-11 | CERAMIC CHIP 1μF 10% 10V | |
| C5015 | 1-163-017-00 | CERAMIC CHIP 0.0047μF 10% 50V | |
| C5016 | 1-164-232-11 | CERAMIC CHIP 0.01μF 10% 50V | |
| C5017 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5018 | 1-126-967-11 | ELECT 47μF 20% 16V | |
| C5019 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5020 | 1-163-037-11 | CERAMIC CHIP 0.022μF 10% 25V | |
| C5021 | 1-126-964-11 | ELECT 10μF 20% 50V | |
| C5022 | 1-126-933-11 | ELECT 100μF 20% 16V | |
| C5023 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C5024 | 1-126-964-11 | ELECT 10μF 20% 50V | |
| C5025 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|-------------------------------|--------|
| C5027 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5028 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5029 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5031 | 1-126-967-11 | ELECT 47μF 20% 16V | |
| C5032 | 1-126-964-11 | ELECT 10μF 20% 50V | |
| C5033 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5034 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5035 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5036 | 1-126-967-11 | ELECT 47μF 20% 16V | |
| C5037 | 1-163-038-91 | CERAMIC CHIP 0.1μF 25V | |
| C5038 | 1-164-005-11 | CERAMIC CHIP 0.47μF 25V | |
| C5039 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5040 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5041 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5042 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5045 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5046 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5047 | 1-124-925-11 | ELECT 2.2μF 20% 50V | |
| C5048 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5049 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5051 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5052 | 1-163-097-00 | CERAMIC CHIP 15PF 5% 50V | |
| C5053 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5054 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5055 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5056 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5057 | 1-163-017-00 | CERAMIC CHIP 0.0047μF 10% 50V | |
| C5058 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5059 | 1-163-251-11 | CERAMIC CHIP 100PF 5% 50V | |
| C5060 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5061 | 1-109-982-11 | CERAMIC CHIP 1μF 10% 10V | |
| C5062 | 1-124-925-11 | ELECT 2.2μF 20% 50V | |
| C5063 | 1-163-017-00 | CERAMIC CHIP 0.0047μF 10% 50V | |
| C5064 | 1-163-251-11 | CERAMIC CHIP 100PF 5% 50V | |
| C5065 | 1-163-133-00 | CERAMIC CHIP 470PF 5% 50V | |
| C5066 | 1-163-037-11 | CERAMIC CHIP 0.022μF 10% 25V | |
| C5067 | 1-124-903-11 | ELECT 1μF 20% 50V | |
| C5068 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5069 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5070 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5071 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5072 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5073 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5074 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5075 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5076 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5077 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5078 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5079 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5081 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5083 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5084 | 1-126-933-11 | ELECT 100μF 20% 16V | |
| C5085 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5087 | 1-126-967-11 | ELECT 47μF 20% 16V | |
| C5089 | 1-126-967-11 | ELECT 47μF 20% 16V | |
| C5090 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5091 | 1-164-005-11 | CERAMIC CHIP 0.47μF 25V | |
| C5093 | 1-126-967-11 | ELECT 47μF 20% 16V | |
| C5099 | 1-126-964-11 | ELECT 10μF 20% 50V | |
| C5100 | 1-126-967-11 | ELECT 47μF 20% 16V | |
| C5101 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5102 | 1-126-967-11 | ELECT 47μF 20% 16V | |
| C5104 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5105 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5106 | 1-126-964-11 | ELECT 10μF 20% 50V | |
| C5107 | 1-126-964-11 | ELECT 10μF 20% 50V | |
| C5108 | 1-164-004-11 | CERAMIC CHIP 0.1μF 10% 25V | |
| C5115 | 1-126-933-11 | ELECT 100μF 20% 16V | |



| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|-----------------------|------------|
| C5116 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C5118 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C5119 | 1-164-004-11 | CERAMIC CHIP 0.1μF | 10% 25V |
| C5120 | 1-164-004-11 | CERAMIC CHIP 0.1μF | 10% 25V |
| C5121 | 1-164-004-11 | CERAMIC CHIP 0.1μF | 10% 25V |
| C5122 | 1-163-133-00 | CERAMIC CHIP 470PF | 5% 50V |
| C5125 | 1-124-927-11 | ELECT 4.7μF | 20% 50V |
| C5135 | 1-164-004-11 | CERAMIC CHIP 0.1μF | 10% 25V |
| C5136 | 1-164-004-11 | CERAMIC CHIP 0.1μF | 10% 25V |
| C5140 | 1-126-933-11 | ELECT 100μF | 20% 16V |
| C5141 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C5143 | 1-163-125-00 | CERAMIC CHIP 220PF | 5% 50V |
| C5144 | 1-163-251-11 | CERAMIC CHIP 100PF | 5% 50V |
| C5145 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C5146 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C5147 | 1-126-967-11 | ELECT 47μF | 20% 16V |
| C5170 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C6202 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6204 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C6205 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6206 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C6207 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6209 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6210 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6211 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C6212 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6214 | 1-163-035-00 | CERAMIC CHIP 0.047μF | 50V |
| C6215 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6216 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6218 | 1-163-035-00 | CERAMIC CHIP 0.047μF | 50V |
| C6219 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6220 | 1-163-035-00 | CERAMIC CHIP 0.047μF | 50V |
| C6221 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6222 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6223 | 1-163-035-00 | CERAMIC CHIP 0.047μF | 50V |
| C6224 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6225 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6226 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6227 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6228 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6229 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6230 | 1-164-004-11 | CERAMIC CHIP 0.1μF | 10% 25V |
| C6231 | 1-164-004-11 | CERAMIC CHIP 0.1μF | 10% 25V |
| C6232 | 1-164-004-11 | CERAMIC CHIP 0.1μF | 10% 25V |
| C6234 | 1-163-125-00 | CERAMIC CHIP 220PF | 5% 50V |
| C6235 | 1-163-251-11 | CERAMIC CHIP 100PF | 5% 50V |
| C6236 | 1-163-251-11 | CERAMIC CHIP 100PF | 5% 50V |
| C6237 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6238 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6239 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6242 | 1-164-004-11 | CERAMIC CHIP 0.1μF | 10% 25V |
| C6243 | 1-164-004-11 | CERAMIC CHIP 0.1μF | 10% 25V |
| C6244 | 1-164-004-11 | CERAMIC CHIP 0.1μF | 10% 25V |
| C6248 | 1-124-903-11 | ELECT 1μF | 20% 50V |
| C6249 | 1-163-135-00 | CERAMIC CHIP 560PF | 5% 50V |
| C6250 | 1-126-964-11 | ELECT 10μF | 20% 50V |
| C6251 | 1-126-967-11 | ELECT 47μF | 20% 16V |
| C6252 | 1-163-038-91 | CERAMIC CHIP 0.1μF | 25V |
| C6253 | 1-137-399-11 | FILM 0.1μF | 5% 50V |
| C6256 | 1-163-222-11 | CERAMIC CHIP 5PF | 0.25PF 50V |
| C6257 | 1-163-222-11 | CERAMIC CHIP 5PF | 0.25PF 50V |
| C6258 | 1-163-222-11 | CERAMIC CHIP 5PF | 0.25PF 50V |
| C6259 | 1-163-017-00 | CERAMIC CHIP 0.0047μF | 10% 50V |
| C6261 | 1-163-017-00 | CERAMIC CHIP 0.0047μF | 10% 50V |
| C6263 | 1-163-251-11 | CERAMIC CHIP 100PF | 5% 50V |
| C6264 | 1-163-251-11 | CERAMIC CHIP 100PF | 5% 50V |
| C6265 | 1-164-004-11 | CERAMIC CHIP 0.1μF | 10% 25V |
| C6270 | 1-164-344-11 | CERAMIC CHIP 0.068μF | 10% 25V |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------------|----------------|---------------------------|---------|
| C6271 | 1-164-699-11 | CERAMIC CHIP 0.0033μF | 5% 50V |
| C6274 | 1-163-251-11 | CERAMIC CHIP 100PF | 5% 50V |
| C6275 | 1-163-251-11 | CERAMIC CHIP 100PF | 5% 50V |
| C6352 | 1-164-004-11 | CERAMIC CHIP 0.1μF | 10% 25V |
| <CONNECTOR> | | | |
| CN5001 | * 1-564-509-11 | PLUG, CONNECTOR 6P | |
| CN5002 | * 1-774-190-11 | CONNECTOR, BOARD TO BOARD | |
| CN5004 | * 1-564-507-11 | PLUG, CONNECTOR 4P | |
| <DIODE> | | | |
| D5001 | 8-719-106-08 | DIODE RD6.2M-B2 | |
| D5002 | 8-719-106-08 | DIODE RD6.2M-B2 | |
| D5004 | 8-719-404-46 | DIODE MA110 | |
| D5005 | 8-719-404-46 | DIODE MA110 | |
| D5009 | 8-719-404-46 | DIODE MA110 | |
| D5010 | 8-719-404-46 | DIODE MA110 | |
| D5011 | 8-719-404-46 | DIODE MA110 | |
| D5012 | 8-719-404-46 | DIODE MA110 | |
| D5013 | 8-719-404-46 | DIODE MA110 | |
| D5208 | 8-719-159-85 | DIODE RD2.0MB | |
| D6263 | 8-719-404-46 | DIODE MA110 | |
| <FERRITE BEAD> | | | |
| FB5001 | 1-412-911-11 | INDUCTOR, FERRITE BEAD | |
| <FILTER> | | | |
| FL5001 | 1-236-129-11 | ENCAPSULATED COMPONENT | |
| FL5002 | 1-236-164-11 | ENCAPSULATED COMPONENT | |
| FL5003 | 1-236-129-11 | ENCAPSULATED COMPONENT | |
| FL5004 | 1-236-164-11 | ENCAPSULATED COMPONENT | |
| <IC> | | | |
| IC5001 | 8-759-366-24 | IC TDA8315T/N3A-T | |
| IC5002 | 8-759-231-55 | IC TA7808S | |
| IC5003 | 8-759-231-53 | IC TA7805S | |
| IC5004 | 8-759-067-24 | IC 24C04AI/P | |
| IC5005 | 8-759-231-53 | IC TA7805S | |
| IC5006 | 8-759-335-82 | IC M5M442256AJ-8-T2 | |
| IC5007 | 8-759-335-82 | IC M5M442256AJ-8-T2 | |
| IC5008 | 8-759-366-24 | IC TDA8315T/N3A-T | |
| IC5010 | 8-759-297-81 | IC MM1166XFB | |
| IC5011 | 8-759-011-65 | IC MC74HC4053F | |
| IC5012 | 8-752-058-68 | IC CXA1315M | |
| IC5014 | 8-759-357-39 | IC SAB9075H/N2A | |
| IC5015 | 8-759-335-17 | IC NJM2256M-TE2 | |
| IC5016 | 8-759-011-65 | IC MC74HC4053F | |
| IC6201 | 8-752-064-71 | IC CXA1732M | |
| IC6202 | 8-752-058-68 | IC CXA1315M | |
| IC6203 | 8-759-925-85 | IC SN74HC32ANS | |
| IC6204 | 8-759-256-59 | IC HD74HC00FPEL | |
| IC6205 | 8-759-011-65 | IC MC74HC4053F | |
| IC6206 | 8-752-053-21 | IC CXA1211M | |
| IC6207 | 8-759-011-65 | IC MC74HC4053F | |
| IC6208 | 8-752-053-21 | IC CXA1211M | |
| IC6209 | 8-759-328-12 | IC Z8622812PSC | |
| IC6211 | 8-759-008-67 | IC MC14066BF | |
| <COIL> | | | |
| L5001 | 1-414-234-11 | INDUCTOR, FERRITE BEAD | |
| L5002 | 1-414-234-11 | INDUCTOR, FERRITE BEAD | |
| L5004 | 1-414-234-11 | INDUCTOR, FERRITE BEAD | |
| L5005 | 1-414-234-11 | INDUCTOR, FERRITE BEAD | |
| L5006 | 1-414-234-11 | INDUCTOR, FERRITE BEAD | |



| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|--------------|--------------|------------------------|--------|
| L5007 | 1-410-470-11 | INDUCTOR 10μH | |
| L5008 | 1-410-470-11 | INDUCTOR 10μH | |
| L5009 | 1-414-234-11 | INDUCTOR, FERRITE BEAD | |
| L5010 | 1-414-234-11 | INDUCTOR, FERRITE BEAD | |
| L5011 | 1-414-234-11 | INDUCTOR, FERRITE BEAD | |
| L5012 | 1-414-234-11 | INDUCTOR, FERRITE BEAD | |
| L5013 | 1-410-478-11 | INDUCTOR 47μH | |
| L5014 | 1-410-478-11 | INDUCTOR 47μH | |
| L5016 | 1-414-234-11 | INDUCTOR, FERRITE BEAD | |
| L5017 | 1-414-234-11 | INDUCTOR, FERRITE BEAD | |
| L6201 | 1-410-470-11 | INDUCTOR 10μH | |
| L6202 | 1-410-470-11 | INDUCTOR 10μH | |
| <TRANSISTOR> | | | |
| Q5001 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5007 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5008 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5010 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q5011 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5012 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5013 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5014 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5015 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5016 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q5017 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5018 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5020 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5021 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q5022 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5025 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5026 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5027 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5028 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5029 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5030 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5031 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5032 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5033 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5034 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5036 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q5038 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q5039 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5040 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5041 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q5042 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q5051 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5053 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5060 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q5061 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6201 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6202 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6203 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6204 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6205 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6206 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6207 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6208 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6209 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6210 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6211 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6212 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6213 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6214 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q6215 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6216 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6217 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6218 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|------------|--------------|----------------------|----------|
| Q6220 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6221 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6222 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6225 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6226 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6227 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q6228 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6229 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6230 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6231 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6232 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6233 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6234 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6235 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6236 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6237 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6238 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6239 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6240 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6241 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6242 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6243 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6244 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6245 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6246 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6247 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q6248 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6249 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6250 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6251 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6252 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6253 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6254 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6255 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6256 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6257 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6258 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6259 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6260 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6261 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6262 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q6263 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| Q6264 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6265 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6266 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6267 | 8-729-422-27 | TRANSISTOR 2SD601A-Q | |
| Q6351 | 8-729-216-22 | TRANSISTOR 2SA1162-G | |
| <RESISTOR> | | | |
| R5001 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5002 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5004 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5005 | 1-216-097-91 | METAL GLAZE 100K | 5% 1/10W |
| R5010 | 1-216-037-00 | METAL GLAZE 330 | 5% 1/10W |
| R5011 | 1-216-075-00 | METAL GLAZE 12K | 5% 1/10W |
| R5015 | 1-216-085-00 | METAL GLAZE 33K | 5% 1/10W |
| R5017 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5022 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5024 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R5027 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5028 | 1-216-117-00 | METAL GLAZE 680K | 5% 1/10W |
| R5029 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R5031 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |
| R5032 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |
| R5033 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |
| R5034 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5035 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5036 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |



| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|------------------|-------------|----------|--------------|------------------|-------------|
| R5040 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | R5156 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5041 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W | R5157 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5042 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | R5160 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R5045 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W | R5161 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R5053 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W | R5162 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5056 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | R5163 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R5060 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W | R5165 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5061 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W | R5166 | 1-216-037-00 | METAL GLAZE 330 | 5% 1/10W |
| R5062 | 1-216-045-00 | METAL GLAZE 680 | 5% 1/10W | R5167 | 1-216-037-00 | METAL GLAZE 330 | 5% 1/10W |
| R5063 | 1-216-295-91 | CONDUCTOR, CHIP | | R5169 | 1-216-037-00 | METAL GLAZE 330 | 5% 1/10W |
| R5064 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | R5170 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5065 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R5171 | 1-216-648-11 | METAL CHIP 750 | 0.50% 1/10W |
| R5067 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | R5172 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5068 | 1-216-295-91 | CONDUCTOR, CHIP | | R5173 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5069 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R5174 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R5070 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R5176 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5071 | 1-216-097-91 | METAL GLAZE 100K | 5% 1/10W | R5177 | 1-216-037-00 | METAL GLAZE 330 | 5% 1/10W |
| R5072 | 1-216-043-91 | METAL GLAZE 560 | 5% 1/10W | R5178 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R5073 | 1-216-295-91 | CONDUCTOR, CHIP | | R5179 | 1-216-063-91 | METAL GLAZE 3.9K | 5% 1/10W |
| R5074 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W | R5180 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R5075 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W | R5184 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R5077 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R5188 | 1-216-037-00 | METAL GLAZE 330 | 5% 1/10W |
| R5080 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R5189 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R5081 | 1-216-075-00 | METAL GLAZE 12K | 5% 1/10W | R5192 | 1-216-037-00 | METAL GLAZE 330 | 5% 1/10W |
| R5082 | 1-216-069-00 | METAL GLAZE 6.8K | 5% 1/10W | R5193 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R5083 | 1-216-295-91 | CONDUCTOR, CHIP | | R5195 | 1-216-097-91 | METAL GLAZE 100K | 5% 1/10W |
| R5085 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R5196 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R5086 | 1-216-295-91 | CONDUCTOR, CHIP | | R5197 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R5087 | 1-216-037-00 | METAL GLAZE 330 | 5% 1/10W | R5198 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R5088 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W | R5199 | 1-216-648-11 | METAL CHIP 750 | 0.50% 1/10W |
| R5090 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W | R5200 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5091 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R5202 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R5092 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R5203 | 1-216-047-91 | METAL GLAZE 820 | 5% 1/10W |
| R5096 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W | R5204 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5097 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R5205 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R5098 | 1-216-295-91 | CONDUCTOR, CHIP | | R5207 | 1-216-043-91 | METAL GLAZE 560 | 5% 1/10W |
| R5101 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W | R5210 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5104 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R5211 | 1-216-045-00 | METAL GLAZE 680 | 5% 1/10W |
| R5106 | 1-216-688-11 | METAL CHIP 36K | 0.50% 1/10W | R5212 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5107 | 1-216-295-91 | CONDUCTOR, CHIP | | R5213 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R5109 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W | R5214 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R5110 | 1-216-295-91 | CONDUCTOR, CHIP | | R5215 | 1-216-045-00 | METAL GLAZE 680 | 5% 1/10W |
| R5111 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W | R5216 | 1-216-037-00 | METAL GLAZE 330 | 5% 1/10W |
| R5112 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R5217 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5113 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W | R5218 | 1-216-069-00 | METAL GLAZE 6.8K | 5% 1/10W |
| R5115 | 1-216-117-00 | METAL GLAZE 680K | 5% 1/10W | R5219 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5116 | 1-216-295-91 | CONDUCTOR, CHIP | | R5220 | 1-216-069-00 | METAL GLAZE 6.8K | 5% 1/10W |
| R5117 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W | R5221 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5118 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W | R5222 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5119 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W | R5223 | 1-216-069-00 | METAL GLAZE 6.8K | 5% 1/10W |
| R5120 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W | R5224 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5121 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W | R5225 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R5123 | 1-216-295-91 | CONDUCTOR, CHIP | | R5226 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R5128 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R5227 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W |
| R5129 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R5228 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R5130 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | R5229 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R5131 | 1-216-063-91 | METAL GLAZE 3.9K | 5% 1/10W | R5230 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R5135 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | R5231 | 1-216-043-91 | METAL GLAZE 560 | 5% 1/10W |
| R5138 | 1-216-295-91 | CONDUCTOR, CHIP | | R5232 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R5140 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W | R5233 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5141 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W | R5237 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5142 | 1-216-295-91 | CONDUCTOR, CHIP | | R5239 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5143 | 1-216-295-91 | CONDUCTOR, CHIP | | R5240 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R5144 | 1-216-045-00 | METAL GLAZE 680 | 5% 1/10W | R5254 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R5145 | 1-216-045-00 | METAL GLAZE 680 | 5% 1/10W | R5255 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R5147 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W | R5256 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R5151 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W | R5258 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R5152 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W | R5259 | 1-216-295-91 | CONDUCTOR, CHIP | |



| REF. NO. | PART NO. | DESCRIPTION | REMARK | REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|------------------|----------|----------|--------------|------------------|----------|
| R5260 | 1-216-295-91 | CONDUCTOR, CHIP | | R6258 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5261 | 1-216-295-91 | CONDUCTOR, CHIP | | R6259 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R5262 | 1-216-295-91 | CONDUCTOR, CHIP | | R6260 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |
| R5263 | 1-216-295-91 | CONDUCTOR, CHIP | | R6261 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R5264 | 1-216-295-91 | CONDUCTOR, CHIP | | R6262 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R5265 | 1-216-295-91 | CONDUCTOR, CHIP | | R6264 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R5266 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R6265 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R5267 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W | R6266 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5268 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W | R6269 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5274 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W | R6270 | 1-216-689-11 | METAL GLAZE 39K | 5% 1/10W |
| R5276 | 1-216-047-91 | METAL GLAZE 820 | 5% 1/10W | R6271 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R5277 | 1-216-037-00 | METAL GLAZE 330 | 5% 1/10W | R6272 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R5278 | 1-216-295-91 | CONDUCTOR, CHIP | | R6273 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R5279 | 1-216-295-91 | CONDUCTOR, CHIP | | R6274 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R5280 | 1-216-295-91 | CONDUCTOR, CHIP | | R6275 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R5281 | 1-216-295-91 | CONDUCTOR, CHIP | | R6276 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R6202 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W | R6277 | 1-216-051-00 | METAL GLAZE 1.2K | 5% 1/10W |
| R6203 | 1-216-053-00 | METAL GLAZE 1.5K | 5% 1/10W | R6278 | 1-216-051-00 | METAL GLAZE 1.2K | 5% 1/10W |
| R6204 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W | R6279 | 1-216-051-00 | METAL GLAZE 1.2K | 5% 1/10W |
| R6205 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W | R6280 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R6206 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W | R6281 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R6207 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W | R6282 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R6208 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W | R6283 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R6209 | 1-216-053-00 | METAL GLAZE 1.5K | 5% 1/10W | R6284 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R6210 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | R6285 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R6211 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W | R6286 | 1-216-069-00 | METAL GLAZE 6.8K | 5% 1/10W |
| R6212 | 1-216-053-00 | METAL GLAZE 1.5K | 5% 1/10W | R6287 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |
| R6213 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W | R6288 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |
| R6214 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W | R6289 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W |
| R6215 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W | R6291 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R6216 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R6292 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W |
| R6217 | 1-216-085-00 | METAL GLAZE 33K | 5% 1/10W | R6293 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R6218 | 1-216-067-00 | METAL GLAZE 5.6K | 5% 1/10W | R6294 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R6219 | 1-216-053-00 | METAL GLAZE 1.5K | 5% 1/10W | R6295 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R6220 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W | R6296 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R6221 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R6297 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R6222 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W | R6298 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R6223 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W | R6299 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R6224 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W | R6300 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R6225 | 1-216-047-91 | METAL GLAZE 820 | 5% 1/10W | R6301 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R6226 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W | R6302 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R6227 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W | R6303 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R6228 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W | R6307 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R6229 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W | R6308 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R6230 | 1-216-045-00 | METAL GLAZE 680 | 5% 1/10W | R6309 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R6231 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | R6311 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R6232 | 1-216-061-00 | METAL GLAZE 3.3K | 5% 1/10W | R6312 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R6233 | 1-216-083-00 | METAL GLAZE 27K | 5% 1/10W | R6314 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R6234 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | R6317 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R6235 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | R6318 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R6236 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W | R6321 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R6237 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | R6322 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R6238 | 1-216-073-00 | METAL GLAZE 10K | 5% 1/10W | R6323 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R6239 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | R6324 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R6240 | 1-216-065-00 | METAL GLAZE 4.7K | 5% 1/10W | R6325 | 1-216-033-00 | METAL GLAZE 220 | 5% 1/10W |
| R6241 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W | R6326 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R6242 | 1-216-069-00 | METAL GLAZE 6.8K | 5% 1/10W | R6327 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R6244 | 1-216-097-91 | METAL GLAZE 100K | 5% 1/10W | R6328 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R6245 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | R6329 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R6246 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W | R6330 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W |
| R6247 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | R6333 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W |
| R6248 | 1-216-041-00 | METAL GLAZE 470 | 5% 1/10W | R6334 | 1-216-077-00 | METAL GLAZE 15K | 5% 1/10W |
| R6249 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W | R6335 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |
| R6250 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W | R6336 | 1-216-081-00 | METAL GLAZE 22K | 5% 1/10W |
| R6252 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W | R6337 | 1-216-049-91 | METAL GLAZE 1K | 5% 1/10W |
| R6253 | 1-216-061-00 | METAL GLAZE 3.3K | 5% 1/10W | R6338 | 1-216-089-91 | METAL GLAZE 47K | 5% 1/10W |
| R6255 | 1-216-045-00 | METAL GLAZE 680 | 5% 1/10W | R6339 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R6256 | 1-216-057-00 | METAL GLAZE 2.2K | 5% 1/10W | R6340 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W |
| R6257 | 1-216-025-91 | METAL GLAZE 100 | 5% 1/10W | | | | |



Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------|--------------|------------------|--------|
| R6341 | 1-216-025-91 | METAL GLAZE 100 | 5% |
| R6342 | 1-216-057-00 | METAL GLAZE 2.2K | 5% |
| R6343 | 1-216-057-00 | METAL GLAZE 2.2K | 5% |
| R6344 | 1-216-057-00 | METAL GLAZE 2.2K | 5% |
| R6345 | 1-216-025-91 | METAL GLAZE 100 | 5% |
| R6348 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R6353 | 1-216-057-00 | METAL GLAZE 2.2K | 5% |
| R6354 | 1-216-057-00 | METAL GLAZE 2.2K | 5% |
| R6355 | 1-216-295-91 | CONDUCTOR, CHIP | |
| R6356 | 1-216-057-00 | METAL GLAZE 2.2K | 5% |
| R6357 | 1-216-033-00 | METAL GLAZE 220 | 5% |
| R6359 | 1-216-097-91 | METAL GLAZE 100K | 5% |
| R6362 | 1-216-069-00 | METAL GLAZE 6.8K | 5% |
| R6375 | 1-216-049-91 | METAL GLAZE 1K | 5% |
| R6376 | 1-216-025-91 | METAL GLAZE 100 | 5% |
| R6377 | 1-216-025-91 | METAL GLAZE 100 | 5% |
| R6378 | 1-216-049-91 | METAL GLAZE 1K | 5% |
| R6383 | 1-216-049-91 | METAL GLAZE 1K | 5% |
| R6384 | 1-216-051-00 | METAL GLAZE 1.2K | 5% |
| R6385 | 1-216-051-00 | METAL GLAZE 1.2K | 5% |
| R6386 | 1-216-051-00 | METAL GLAZE 1.2K | 5% |
| R6387 | 1-216-081-00 | METAL GLAZE 22K | 5% |
| R6391 | 1-216-041-00 | METAL GLAZE 470 | 5% |
| R6393 | 1-216-025-91 | METAL GLAZE 100 | 5% |
| R6394 | 1-216-025-91 | METAL GLAZE 100 | 5% |
| R6395 | 1-216-025-91 | METAL GLAZE 100 | 5% |
| R6396 | 1-216-025-91 | METAL GLAZE 100 | 5% |
| R6397 | 1-216-025-91 | METAL GLAZE 100 | 5% |
| R6398 | 1-216-073-00 | METAL GLAZE 10K | 5% |
| R6399 | 1-216-089-91 | METAL GLAZE 47K | 5% |
| R6400 | 1-216-057-00 | METAL GLAZE 2.2K | 5% |
| R6401 | 1-216-061-00 | METAL GLAZE 3.3K | 5% |
| R6402 | 1-216-061-00 | METAL GLAZE 3.3K | 5% |
| R6403 | 1-216-049-91 | METAL GLAZE 1K | 5% |
| R6404 | 1-216-065-00 | METAL GLAZE 4.7K | 5% |
| R6405 | 1-216-073-00 | METAL GLAZE 10K | 5% |
| R6406 | 1-216-049-91 | METAL GLAZE 1K | 5% |
| R6407 | 1-216-065-00 | METAL GLAZE 4.7K | 5% |
| R6408 | 1-216-049-91 | METAL GLAZE 1K | 5% |
| R6409 | 1-216-073-00 | METAL GLAZE 10K | 5% |
| R6410 | 1-216-025-91 | METAL GLAZE 100 | 5% |
| R6411 | 1-216-025-91 | METAL GLAZE 100 | 5% |
| R6416 | 1-216-073-00 | METAL GLAZE 10K | 5% |
| R6418 | 1-216-069-00 | METAL GLAZE 6.8K | 5% |
| R6419 | 1-216-025-91 | METAL GLAZE 100 | 5% |

<CRYSTAL>

| | | |
|-------|--------------|---------------------|
| X5001 | 1-567-505-11 | OSCILLATOR, CRYSTAL |
| X5002 | 1-567-505-11 | OSCILLATOR, CRYSTAL |

MISCELLANEOUS

| | |
|-----------------------|-------------------------------------|
| Δ 1-451-441-11 | DEFLECTION YOKE, DY YS-35159 (R.G.) |
| Δ 1-451-441-21 | DEFLECTION YOKE, DY YS-35160 (B) |
| Δ 1-223-925-11 | RESISTOR ASSY (HIGH VOLTAGE) |
| 1-251-321-11 | SELECTOR, ANTENNA |
| Δ 1-452-790-11 | NECK ASSY |

| REF. NO. | PART NO. | DESCRIPTION | REMARK |
|----------------------------|------------------------------------|--------------|--------|
| Δ 1-452-790-21 | NECK ASSY | | |
| 1-504-141-11 | SPEAKER (13CM) | (KP-53XBR45) | |
| 1-504-313-11 | SPEAKER (16CM) | (KP-61XBR48) | |
| 1-504-756-11 | SPEAKER (5CM) | (KP-61XBR48) | |
| 1-504-877-11 | SPEAKER (8CM) | | |
| 1-504-964-11 | SPEAKER (10CM) | | |
| 1-537-775-11 | TERMINAL BOARD | | |
| 1-544-580-21 | SPEAKER (2.5CM) | (KP-53XBR45) | |
| * 1-751-135-11 | CABLE, PIN | | |
| * 1-751-136-11 | CABLE, PIN | | |
| 1-765-663-11 | CORD | | |
| Δ 1-769-837-11 | CORD, POWER (WITH NOISE FILTER) | | |
| Δ 1-900-211-34 | LEAD ASSY, HV | | |
| Δ 8-598-955-00 | BLOCK ASSY, HIGH VOLTAGE | | |
| V901 Δ 8-736-642-05 | PICTURE TUBE 07MAC2(G) (LONG NECK) | | |
| V902 Δ 8-736-643-05 | PICTURE TUBE 07MAC3(B) (LONG NECK) | | |
| V903 Δ 8-736-644-05 | PICTURE TUBE 07MAC3(R) (LONG NECK) | | |

ACCESSORIES AND PACKING MATERIALS

| | |
|----------------|-------------------------------------|
| X-4946-077-1 | PANEL ASSY, FRONT |
| X-4946-078-1 | CABINET ASSY, SPEAKER |
| 1-504-877-11 | SPEAKER (8CM) |
| 1-537-775-11 | TERMINAL BOARD |
| 1-765-267-11 | CORD, SPEAKER |
| 1-765-663-11 | CORD |
| 3-701-627-00 | BAG, POLYETHYLENE |
| 3-800-707-11 | MANUAL, INSTRUCTION |
| * 4-030-895-01 | JOINT |
| * 4-037-328-01 | PLATE, TOP (KP-53XBR45) |
| * 4-040-111-01 | PLATE, TOP (KP-61XBR48) |
| * 4-040-903-01 | PLATE, BOTTOM (KP-61XBR48) |
| * 4-040-906-01 | TRAY (KP-61XBR48) |
| * 4-041-426-01 | BAG, PROTECTION (KP-53XBR45) |
| * 4-041-428-01 | BAG, POLYETHYLENE (KP-61XBR48) |
| * 4-042-463-01 | SHEET, PROTECTION |
| * 4-043-800-01 | FORM BLOCK (KP-61XBR48) |
| * 4-048-894-01 | CUSHION (UPPER) (ASSY) (KP-53XBR45) |
| * 4-048-895-01 | CUSHION (LOWER) (ASSY) (KP-53XBR45) |
| * 4-048-900-01 | INDIVIDUAL CARTON (KP-53XBR45) |
| * 4-048-901-01 | TRAY (KP-53XBR45) |
| * 4-048-902-01 | PLATE, BOTTOM (KP-53XBR45) |

REMOTE COMMANDER

| | |
|--------------|-----------------------------|
| 1-473-306-11 | REMOTE COMMANDER (RM-Y128) |
| 9-933-736-01 | POCKET, COVER (FOR RM-Y128) |

Sony Corporation

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TV & Display Products Div.

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